

## Inhibin Beta A (INHbA) Protein | INHbA protein

Eukaryotic Inhibin Beta A (INHbA)

|                               |                          |                                               |
|-------------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA147112</b> | HOST<br><b>293F cell</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------|-----------------------------------------------|

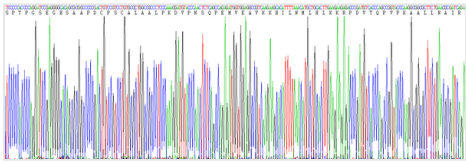
### PRODUCT SYNONYMS

Inhibin Beta A (INHbA); Eukaryotic Inhibin Beta A (INHbA); INH-BA; INHB-A; EDF; FRP; Activin A; Activin AB Alpha Polypeptide; Activin beta-A chain; Erythroid differentiation protein; INHbA protein

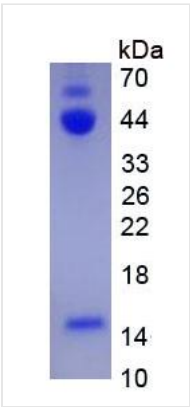
### PRODUCT SPECIFICATIONS

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                      | 293F cell                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                       | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                               | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                           | 426                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for INHbA protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fragment                                  | Ser21~Ser426                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tag                                       | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer Formulation                        | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                                                               |
| Source Note                               | Eukaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Organism Species                          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Endotoxin Level                           | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isoelectric Point                         | 7.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subcellular Location                      | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage                                     | Reconstitute in PBS or others.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                   | Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

IMAGES



Application Data



SDS-PAGE

```
SPTPGSEGH AAPDCPSCAL AALPKDVPNS
QPEMVEAVKK HILNMLHLKK RPDVTQVPVK AALLNAIRKL HVGKVGNGY
VEIEDDIGRR AEMNELMEQT SEITFAESG TARKTLHFEI SKEGSDLSVV
ERAEVHLFLK VPKANRTRTK VTIRLFQQOK HPQCSLDTGE EAEVGLKGE
RSELLLSEKV VDARKSTWHV FVSSSIQRL LDQKSSLDV RIACEQCQES
GASLVLLGKK KKKEEGEGK KKGEGEGGAG ADEEKEQSHR PFLMLQARQS
EDHPHRRRRR GLECDGKVINI CCKKQFFVSF KDIGNDWII APSGYHANYC
EGECPSHIAG TSGSSLSFHS TVINHRYMRG HSPFANLKSC CVPTKLRPMS
MLYYDDGQNI IKKDIQNMIV EECGCS
```

Sequence

ADDITIONAL INFORMATION

|                                             |                     |
|---------------------------------------------|---------------------|
| Product Categories/Family for INHbA protein | Eukaryotic proteins |
|---------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 4504699                            |
| NCBI GeneID                      | 3624                               |
| NCBI Accession #                 | NP_002183.1                        |
| NCBI GenBank Nucleotide #        | NM_002192.3                        |
| UniProt Accession #              | P08476; Q14599                     |
| Molecular Weight                 | 46.6kDa; 47kDa                     |
| NCBI Official Full Name          | inhibin beta A chain preproprotein |
| NCBI Official Synonym Full Names | inhibin beta A subunit             |
| NCBI Official Symbol             | INHBA                              |
| NCBI Official Synonym Symbols    | EDF; FRP                           |
| NCBI Protein Information         | inhibin beta A chain               |
| UniProt Protein Name             | Inhibin beta A chain               |
| UniProt Gene Name                | INHBA                              |
| UniProt Synonym Gene Names       | EDF                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.