

Activin A/INHBA Recombinant Protein | INHBA recombinant protein

Recombinant Human/Mouse/Rat mature Activin A/INHBA Protein

CATALOG # AAA283366	HOST CHO Cells
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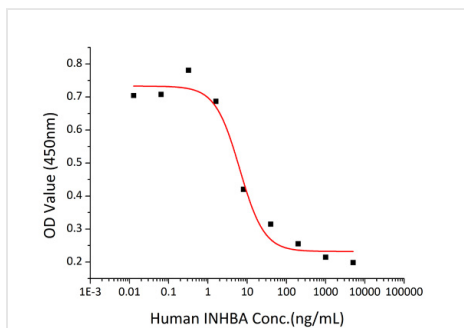
PRODUCT SYNONYMS

Activin A/INHBA; Recombinant Human/Mouse/Rat mature Activin A/INHBA Protein; EDF; FRP; INHBA; Activin A; INHBA recombinant protein

PRODUCT SPECIFICATIONS

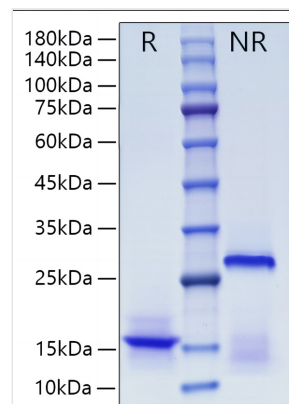
Host	CHO Cells
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	GLECDGKVNI CCKKQFFVSF KDIGWNDWII APSGYHANYC EGECPSHIAG TSGSSLSFHS TVINHYMRG HSPFANLKSC CVPTKLRPMS MLYYDDGQNI IKKDIQNMIV EECGCS
Species	Human
Endotoxin	<0.01 EU/ug of the protein by LAL method.
Bio-Activity	Measured by its ability to inhibit proliferation of MPC-11 cells. The ED ₅₀ for this effect is 3.215-12.86ng/mL, corresponding to a specific activity of 7.78×10 ⁴ ~3.11×10 ⁵ units/mg.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

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SDS-PAGE

Recombinant Human/Mouse/Rat mature Activin A/INHBA Protein was resolved with SDS PAGE under reducing (R) and non-reducing (NR) conditions ?showing single bands at 15-20 kDa and 25-30 kDa, respectively.

ADDITIONAL INFORMATION

Related Product Information for INHBA recombinant protein	The inhibin beta A subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumor-suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone. Furthermore, the beta A subunit forms a homodimer, activin A, and also joins with a beta B subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion. Finally, it has been shown that the beta A subunit mRNA is identical to the erythroid differentiation factor subunit mRNA and that only one gene for this mRNA exists in the human genome.
Product Categories/Family for INHBA recombinant protein	Cytokines & Cytokine receptors; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504699
NCBI GeneID	3624
NCBI Accession #	NP_002183.1
NCBI GenBank Nucleotide #	NM_002192.2
UniProt Accession #	P08476; Q14599
UniProt Protein Name	Inhibin beta A chain
UniProt Gene Name	INHBA
UniProt Synonym Gene Names	EDF
UniProt Entry Name	INHBA_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/inhba-recombinant-protein-cho-cells/283366>