

## Ephrin-A1/EFNA1 Active Protein | EFNA1 active protein

Active Recombinant Human Ephrin-A1/EFNA1 Protein

CATALOG #  
**AAA282513**

HOST  
**HEK293 cells**

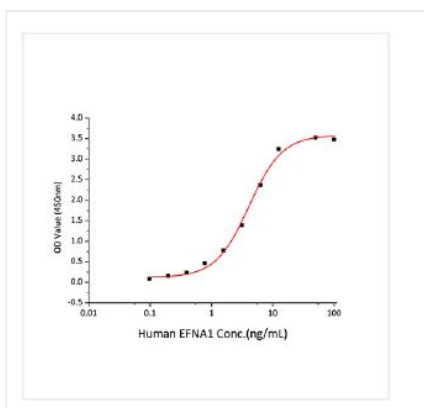
### PRODUCT SYNONYMS

Ephrin-A1/EFNA1; Active Recombinant Human Ephrin-A1/EFNA1 Protein; B61; ECKLG; EFL1; EPLG1; LERK-1; LERK1; TNFAIP4; EFNA1; ephrin-A1; EFNA1 active protein

### PRODUCT SPECIFICATIONS

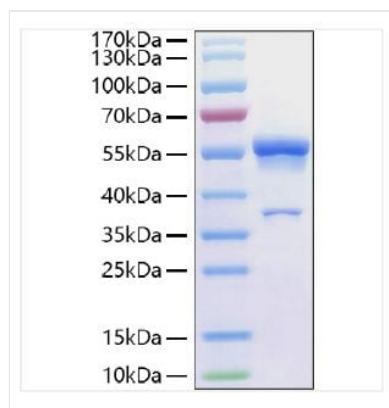
|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                  |
| Purity/Purification     | > 90% by SDS-PAGE.                                                                                                                                                                                                                            |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                        |
| Species                 | Human                                                                                                                                                                                                                                         |
| Endotoxin               | < 1 EU/ug of the protein by LAL method.                                                                                                                                                                                                       |
| Tag                     | C-hFc                                                                                                                                                                                                                                         |
| Bioactivity             | Measured by its binding ability in a functional ELISA. Immobilized Human EphA2 at 1 ug/mL (100 uL/well) can bind Human EFNA1 with a linear range of 0.098-4.084 ng/mL.                                                                        |
| Preparation and Storage | Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles.<br>Ship: Ice Pack |

### IMAGES



#### Application Data

Immobilized Human EphA2 at 1 ug/mL (100 uL/well) can bind Human EFNA1 with a linear range of 0.098-4.084 ng/mL.



#### SDS-PAGE

Active Active Recombinant Human Ephrin- A1/EFNA1 Protein was determined by SDSPAGE with Coomassie Blue, showing a band at 55-60kDa.

### ADDITIONAL INFORMATION

#### Related Product Information for EFNA1 active protein

Active Recombinant Human Ephrin-A1/EFNA1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp19-Ser182) of human Ephrin-A1/EFNA1 (Accession #NP\_004419.2) fused with a hFc tag at the C-terminus.

Product Categories/Family for EFNA1  
active protein

Other Recombinant Protein

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 33359682                                                                                                                                                                                                                                                   |
| NCBI GeneID                      | 1942                                                                                                                                                                                                                                                       |
| NCBI Accession #                 | NP_004419.2                                                                                                                                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_004428.2                                                                                                                                                                                                                                                |
| UniProt Accession #              | P20827; Q5SR60; Q5SR61; Q6I9T9; Q8N578; D3DV86                                                                                                                                                                                                             |
| Molecular Weight                 | 23,787 Da                                                                                                                                                                                                                                                  |
| NCBI Official Full Name          | ephrin-A1 isoform a                                                                                                                                                                                                                                        |
| NCBI Official Synonym Full Names | ephrin-A1                                                                                                                                                                                                                                                  |
| NCBI Official Symbol             | EFNA1                                                                                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | B61; EFL1; ECKLG; EPLG1; LERK1; LERK-1; TNFAIP4                                                                                                                                                                                                            |
| NCBI Protein Information         | ephrin-A1; TNF alpha-induced protein 4; ligand of eph-related kinase 1; immediate early response protein B61; eph-related receptor tyrosine kinase ligand 1; tumor necrosis factor alpha-induced protein 4; tumor necrosis factor, alpha-induced protein 4 |
| UniProt Protein Name             | Ephrin-A1                                                                                                                                                                                                                                                  |
| UniProt Gene Name                | <b>EFNA1</b>                                                                                                                                                                                                                                               |
| UniProt Synonym Gene Names       | EPLG1; LERK1; TNFAIP4; LERK-1                                                                                                                                                                                                                              |
| UniProt Entry Name               | EFNA1_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](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/hek293-active-protein/ephrin-a1-efna1/282513>