

Ephrin-A5 Active Protein | EFNA5 active protein

Recombinant human Ephrin-A5 protein

CATALOG # AAA48998	HOST Baculovirus	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

Ephrin-A5; Recombinant human Ephrin-A5 protein; EFNA5; AF1; EFL5; EPLG7; GLC1M; LERK7; RAGS; AL-1; EPH-related receptor tyrosine kinase ligand 7; EFNA5 active protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in. Phosphate-Buffered Saline (pH7.4) containing 10% glycerol
Concentration	0.5mg/ml (determined by absorbance at 280nm) (varies by lot)
Sequence Positions	21-203aa
Sequence	Gln21 Q DPGSKAVADR YAVYWNSNP RFQRGDYHID VCINDYLDVF CPHYEDSVPE DKTERYVLYM VNFDGYSACD HTSKGFKRWE CNRPHSPNGP LKFSEKFQLF TPFSLGFEFR PGREYFYISS AIPDNGRRSC LKLKVFVRPT NSCMKTIGVH DRVFDVNDKV ENSLEPADDT VHESAEPSRG EN
Applicable Applications for EFNA5 active protein	Bioactivity, SDS-PAGE
Species	Human
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Tag	hIgG-His-Tag
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

ADDITIONAL INFORMATION

Related Product Information for EFNA5 active protein	Ephrin-A5, as known as EFNA5, is a member of the ephrin ligand family which binds the members of ephrin receptor subfamily of tyrosine kinases. This protein is expressed with the highest levels in human adult brain, heart, spleen, and ovary and human fetal brain, lung, and kidney. It is also expressed by muscle precursor cells and interacts with ephrin-A4 to restrict their migration to the correct locations during forelimb morphogenesis. Recombinant human Ephrin-A5, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for EFNA5 active protein	Neuroscience; Proteins
References	Son AI., et al. (2013) Mol. Vis. 19:254-266. Wang TH., et al. (2012) FEBS J. 279:251-263.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503487
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NCBI GeneID	1946
NCBI Accession #	NP_001953.1
NCBI GenBank Nucleotide #	NM_001962.2
UniProt Accession #	P52803
Molecular Weight	26,297 Da
NCBI Official Full Name	ephrin-A5
NCBI Official Synonym Full Names	ephrin-A5
NCBI Official Symbol	EFNA5
NCBI Official Synonym Symbols	AF1; EFL5; RAGS; EPLG7; GLC1M; LERK7
NCBI Protein Information	ephrin-A5; AL-1; LERK-7; eph-related receptor tyrosine kinase ligand 7
UniProt Protein Name	Ephrin-A5
UniProt Gene Name	EFNA5
UniProt Synonym Gene Names	EPLG7; LERK7; LERK-7
UniProt Entry Name	EFNA5_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://stage.aaabiotech.com/baculovirus-active-protein/ephrin-a5/48998>