

EFNB3 recombinant protein

EFNB3, 28-226aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48735	HOST E Coli	APPLICATIONS SDS-Page
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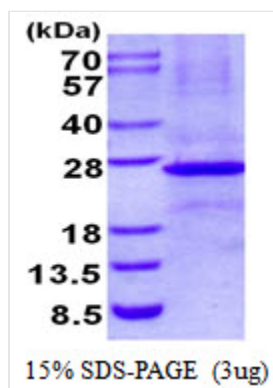
PRODUCT SYNONYMS

EFNB3; 28-226aa; Human; His tag; E Coli (Denatured); Ephrin-B3; EFL6; EPLG8; LERK8; EFNB3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 2M urea
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMLSLP VYWSANKRF QAEGGYVLYP QIGDRDLLC PRARPPGPHS SPNYEFYKLY LVGGAQGRRC EAPPAPNLLL TCDRPDLDR FTIKFQEYSP NLWGHEFRSH HDYYIIATSD GTREGLESQ GGVCLTRGMK VLLRVGQSPR GGAVPRKPVS EMPMERDRGA AHSLEPGKEN LPGDPTSNAT SRGAEGPLPP PSMP
Sequence Length	340
Applicable Applications for EFNB3 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for EFNB3 recombinant protein	EFNB3, also known as ephrin-B3, a member of the ephrin gene family, is important in brain development as well as in its maintenance. It binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Binds to, and induce the collapse of, commissural axons/growth cones in vitro. Recombinant human EFNB3 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for EFNB3 recombinant protein	Neuroscience
References	Negrete O.A., et al. (2006) PLoS Pathog. 2:78-86; Brueckner K., et al. (1999) Neuron. 22:511-524

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503489
NCBI GeneID	1949
NCBI Accession #	NP_001397
NCBI GenBank Nucleotide #	NM_001406.3
UniProt Accession #	Q15768; O00680; Q8TBH7; Q92875; B2RBW2; D3DTQ6
Molecular Weight	24.6 kDa (224aa)
NCBI Official Full Name	ephrin-B3
NCBI Official Synonym Full Names	ephrin B3
NCBI Official Symbol	EFNB3
NCBI Official Synonym Symbols	EFL6; EPLG8; LERK8
NCBI Protein Information	ephrin-B3
UniProt Protein Name	Ephrin-B3
UniProt Gene Name	EFNB3
UniProt Synonym Gene Names	EPLG8; LERK8; LERK-8

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.

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Online datasheet: <https://stage.aaabiotech.com/efnb3-recombinant-protein-e-coli-sds-page/48735>