

Ephrin-B3 Recombinant Protein | Efnb3 recombinant protein

Recombinant Mouse Ephrin-B3

CATALOG #
AAA114637

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

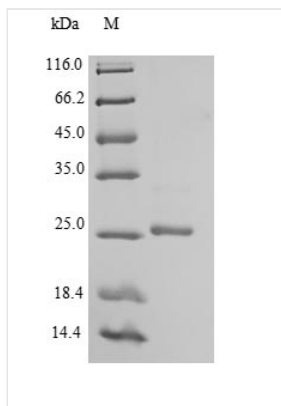
PRODUCT SYNONYMS

Ephrin-B3; Recombinant Mouse Ephrin-B3; Efnb3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	28-227aa; Extracellular Domain
Sequence	LSLEPVYWNS ANKRFQAEGG YVLYPQIGDR LDLLCPRAR PGP HSSPSYE FYKLYLVEGA QGRRCEAPPA PNLLLTCDRP DLDLRFTIKF QEYSPNLWGH EFRSHHDYYI IATSDGTREG LESLQGGVCL TRGMKVLLRV GQSPRGGAVP RKPVSEMPME RDRGAAHSAE PGRDTIPGDP SSNATSRGAE GPLPPSPMPA
Sequence Length	340
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Efnb3 recombinant protein

Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. 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. May play a pivotal role in forebrain function. Binds to, and induce the collapse of, commissural axons/growth cones in vitro. May play a role in constraining the orientation of longitudinally projecting axons.

References	Ephrin-B3, a ligand for the receptor EphB3, expressed at the midline of the developing neural tube.Bergemann A.D., Zhang L., Chiang M.-K., Brambilla R., Klein R., Flanagan J.G.Oncogene 16:471-480(1998) Complementary expression of transmembrane ephrins and their receptors in the mouse spinal cord a possible role in constraining the orientation of longitudinally projecting axons.Imondi R., Wideman C., Kaprielian Z.Development 127:1397-1410(2000) Mass-spectrometric identification and relative quantification of N-linked cell surface glycoproteins.Wollscheid B., Bausch-Fluck D., Henderson C., O'Brien R., Bibel M., Schiess R., Aebersold R., Watts J.D.Nat. Biotechnol. 27:378-386(2009)
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681281
NCBI GeneID	13643
NCBI Accession #	NP_031937.1
NCBI GenBank Nucleotide #	NM_007911.5
UniProt Accession #	O35393
Molecular Weight	24 kDa
NCBI Official Full Name	ephrin-B3
NCBI Official Synonym Full Names	ephrin B3
NCBI Official Symbol	Efnb3
NCBI Official Synonym Symbols	Epl8; EFL-6; ELF-3; Elk-L3; LERK-8; NLERK-2
NCBI Protein Information	ephrin-B3
UniProt Protein Name	Ephrin-B3
UniProt Gene Name	Efnb3
UniProt Entry Name	EFNB3_MOUSE

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/efnb3-recombinant-protein-e-coli/114637>