Datasheet for ABIN7320516

Ephrin B1 Protein (EFNB1) (His tag,Fc Tag)

1 Image

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Overview

Quantity:	50 µg
Target:	Ephrin B1 (EFNB1)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ephrin B1 protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Mouse Ephrin-B1/EFNB1 Protein (Fc & His Tag)
Sequence:	Lys30-Ser229
Characteristics:	Recombinant Mouse Ephrin-B1 is produced by our Mammalian expression system and the target gene encoding Lys30-Ser229 is expressed with a Fc, 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Ephrin B1 (EFNB1)
Alternative Name:	Ephrin-B1/EFNB1 (EFNB1 Products)
Background:	Background: Mouse Ephrin-B1 is a single-pass type I membrane protein which belongs to the ephrin family. It contains an ephrin RBD (ephrin receptor-binding) domain, and expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas. Ephrin-B1 is cell surface

Target Details

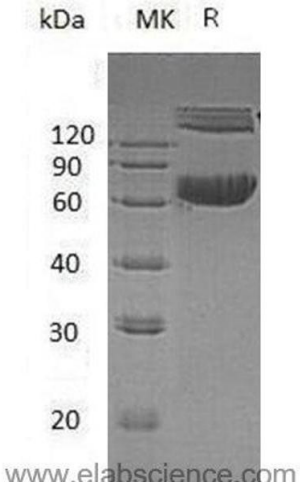
	transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. It binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. It may play a role in cell adhesion and function in the development or maintenance of the nervous system. Synonym: Ephrin-B1, EFL-3, ELK ligand, ELK-L, EPH-related receptor tyrosine kinase ligand 2, LERK-2, EFNB1, EFL3, EPLG2, LERK2
Molecular Weight:	49.8 kDa
UniProt:	P52795
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.