

Datasheet for ABIN5709447

Ephrin B3 Protein (EFNB3) (AA 28-227) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Ephrin B3 (EFNB3)
Protein Characteristics:	AA 28-227
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ephrin B3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LSLEPVYWNS ANKRFQAEgg YVLYPQIGDR LDLLCPRARP PGPHSSPSYE FYKLYLVEGA QGRRCEAPPA PNLLLTCDRP DLDLRFTIKF QEYSPNLWGH EFRSHHDYYI IATSDGTREG LESLQGGVCL TRGMKVLLRV GQSPRGGAVP RKPVSEMPME RDRGAAHSAE PGRDTIPGDP SSNATSRGAE GPLPPPSMPA
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Ephrin B3 (EFNB3)
Alternative Name:	EFNB3 (EFNB3 Products)
Background:	Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which

Target Details

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.

Molecular Weight:	26.1 kDa
-------------------	----------

UniProt:	O35393
----------	------------------------

Pathways:	RTK Signaling
-----------	-------------------------------

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

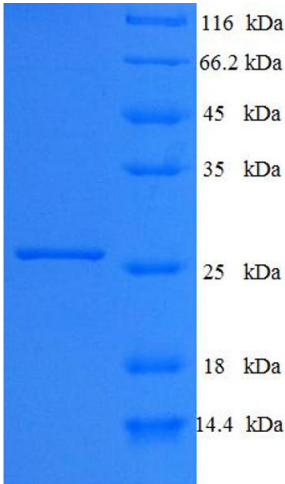
Format:	Liquid
---------	--------

Concentration:	0.1-2 mg/mL
----------------	-------------

Buffer:	20 mM Tris-HCl based buffer, pH 8.0
---------	-------------------------------------

Storage:	-80 °C, 4 °C, -20 °C
----------	----------------------

Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
------------------	---



SDS-PAGE

Image 1.