Datasheet for ABIN5854779

Ephrin B3 Protein (EFNB3) (AA 28-226) (His tag)

1 Image

Go to Product page

Overview

Quantity:	50 µg
Target:	Ephrin B3 (EFNB3)
Protein Characteristics:	AA 28-226
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ephrin B3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPLSLEPVY WNSANKRFQA EGGYVLYPQI GDRLDLLCPR ARPPGPHSSP NYEFYKLYLV GGAQGRRCEA PPAPNLLLTC DRPDLDLRFT IKFQEYSPNL WGHEFRSHHD YYIIATSDGT REGLESLQGG VCLTRGMKVL LRVGQSPRGG AVPRKPVSEM PMERDRGAAH SLEPGKENLP GDPTSNATSR GAEGPLPPPS MPHHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	Ephrin B3 (EFNB3)
Alternative Name:	EFNB3 (EFNB3 Products)
Background:	EFNB3, also known as ephrin-B3, is a member of the Ephrin-B family of transmembrane ligands

Target Details

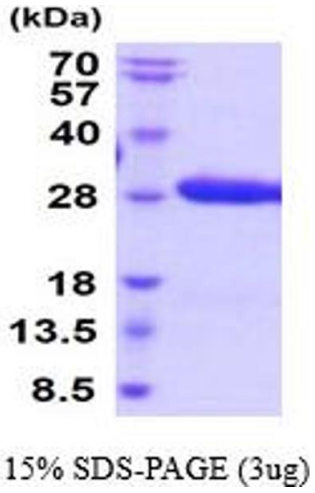
	that bind and induce the tyrosine autophosphorylation of Eph receptors. EFNB3 is expressed on oligodendrocytes and neurons in the hippocampus and along the midline of the spinal cord. It is up-regulated in glioma and promotes tumor cell invasion and migration. This protein acts as the midline barrier that prevents corticospinal tract projections from recrossing when they enter the spinal gray matter. Recombinant human EFNB3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	23.0kDa (208aa) 28-40KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_001397
UniProt:	Q15768
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:	0.5 mg/mL
Buffer:	In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.