



[Go to Product page](#)

Datasheet for ABIN7534835
EPH Receptor B2 Protein (EPHB2) (His tag)

Overview

Quantity:	100 µg
Target:	EPH Receptor B2 (EPHB2)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EPH Receptor B2 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Mouse EphB2 Protein
Sequence:	MAVRRLLGAAL LLLPLLAAVE ETLMDSTTAT AELGWMVHPP SGWEEVSGYD ENMNTIRTYQ VCNVFESSQN NWLRTKFIRR RGAHRIHVEM KFSVRDCSSI PSVPGCKET FNLYYYEADF DLATKTFPNW MENPWVKVDT IAADESFSQV DLGGRVMKIN TEVRSFGPVS RNGFYLAFAQ YGGCMSLIAV RVFYRKCPRI IQNGAIFQET LSGAESTSLV AARGSCIANA EEVDVPIKLY CNGDGEWLVP IGRCMCKAGF EAVENGTVCV GCPSTGTFKAN QGDEACTHCP INSRTTSEGA TNCVCRNGYY RADLPLDMP CTTIPSAPQA VISSVNETSL MLEWTPPRDS GGREDLVYNI ICKSCGSGRG ACTRCGDNVQ YAPRQLGLTE PRIYISDLLA HTQYTFEIQV VNGVTDQSPF SPQFASVNIT TNQAAPSAVS IMHQVSRTVD SITLSWSQPD QPNGVILDYE LQYYEKELSE YNATAIKSPT NTVTVQGLKA GAIYVFQVRA RTVAGYGRYS GKMYFQTMTE AEYQTSIKEK
Specificity:	Met1-Lys540
Purity:	> 97 % by SDS-PAGE.

Product Details

Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	1. Measured by its binding ability in a functional ELISA. Immobilized Mouse EphB2 at 2 µg/mL (100 µL/well) can bind Mouse Ephrin B2 with a linear range of 0.12-0.92 ng/mL.

Target Details

Target:	EPH Receptor B2 (EPHB2)
Alternative Name:	EphB2 (EPHB2 Products)
Background:	CAPB,DRT,EK5,EPHT3,ERK,Hek5,PCBC,Tyro5,Tyrosine-protein kinase receptor EPH-3,Tyrosine-protein kinase receptor SEK-3,EPHB2,CAPB,DRT,EK5,EPHT3,ERK,Hek5,PCBC,Tyro5,Tyrosine-protein kinase receptor EPH-3,Tyrosine-protein kinase receptor SEK-3,EPHB2
Gene ID:	13844
UniProt:	P54763-3
Pathways:	RTK Signaling , Regulation of long-term Neuronal Synaptic Plasticity , S100 Proteins

Application Details

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

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.