

Datasheet for ABIN7607414

EPH Receptor B2 Protein (EPHB2) (AA 19-543) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	EPH Receptor B2 (EPHB2)
Protein Characteristics:	AA 19-543
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EPH Receptor B2 protein is labelled with His-Fc tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Activity Assay (AcA), Immunogen (Imm)

Product Details

Purpose:	Recombinant Human EPHB2 Protein, C-hFc-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. When recombinant human EPHB2 (Cat #: AHD82701) is coated at 2 µg/mL, recombinant human Ephrin-B2 Fc Chimera binds with an apparent Kd <0.1 nM.

Target Details

Target:	EPH Receptor B2 (EPHB2)
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Target Details

Alternative Name:	EPHT3 (EPHB2 Products)
Background:	EPHT3, EPTH3, ERK, Developmentally-regulated Eph-related tyrosine kinase, Tyrosine-protein kinase receptor EPH-3, hEK5, Ephrin type-B receptor 2, Tyrosine-protein kinase TYRO5, EK5, HEK5, EPHB2, ELK-related tyrosine kinase, TYRO5, Renal carcinoma antigen NY-REN-47, EPH tyrosine kinase 3, DRT, EPH-like kinase 5
UniProt:	P29323
Pathways:	RTK Signaling , Regulation of long-term Neuronal Synaptic Plasticity , S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months