



[Go to Product page](#)

Datasheet for ABIN2566547

Ephrin B1 Protein (EFNB1) (His tag)

Overview

Quantity:	0.2 mg
Target:	Ephrin B1 (EFNB1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Ephrin B1 protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA

Product Details

Characteristics:	Measured by its binding ability in a functional ELISA. Immobilized recombinant human EphrinB1 at 10 µg/mL (100 µL/well) can bind human EphB6 with a linear range of 0. 2-8 µg/mL.
Purity:	>95 % as determined by SDS-PAGE.

Target Details

Target:	Ephrin B1 (EFNB1)
Alternative Name:	Ephrin B1 (EFNB1 Products)
Background:	Ephrin-B1 (EFNB1) is also known as EFL-3, ELK ligand, EPH-related receptor tyrosine kinase ligand 2 (LERK-2), which belongs to the ephrin family. EFNB1 contains one ephrin RBD (ephrin receptor-binding) domain. EFNB1 binds to the receptor tyrosine kinases EPHB1 and EPHA1. EFNB1 binds to, and induce the collapse of, commissural axons/growth cones in vitro. EFNB1

Target Details

may play a role in constraining the orientation of longitudinally projecting axons. EFNB1 interacts with GRIP1 and GRIP2.

Molecular Weight: 23.2 kDa

Gene ID: 1947

NCBI Accession: [NP_004420](#)

UniProt: [P98172](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: This recombinant protein can be used for WB, ELISA. For research use only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -80 °C, -20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.