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Datasheet for ABIN7318438

EFNA4 Protein (His tag,Fc Tag)

Overview

Quantity:	50 µg
Target:	EFNA4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EFNA4 protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Human Ephrin-A4/EFNA4 Protein (Fc & His Tag)(Active)
Sequence:	Leu26-Gly171
Characteristics:	Recombinant Human Ephrin-A4 is produced by our Mammalian expression system and the target gene encoding Leu26-Gly171 is expressed with a Fc, 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human EphA7-His(Cat: PKSH033689) at 2µg/ml(100 µl/well) can bind Human EFNA4-Fc-6His. The ED50 of Human EFNA4-Fc-6His is 1.5190 ug/ml .

Target Details

Target:	EFNA4
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Target Details

Alternative Name: Ephrin-A4/EFNA4 ([EFNA4 Products](#))

Background: Ephrin-A4 is a member of the ephrin ligand family which binds members of the Eph receptor family. All ligands share a conserved extracellular sequence, which most likely corresponds to the receptor binding domain. Ephrin-A4 consists of approximately 125 amino acids and includes four invariant cysteines. It has been shown to bind EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, and EphB1. Ephrin-A4 binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. It may play a role in the interaction between activated B-lymphocytes and dendritic cells in tonsils. Synonym: Ephrin-A4, EPH-Related Receptor Tyrosine Kinase Ligand 4, LERK-4, EFNA4, EPLG4, LERK4

Molecular Weight: 44.3 kDa

UniProt: [P52798](#)

Pathways: [RTK Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.