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Datasheet for ABIN7536306
Ephrin A3 Protein (EFNA3) (His tag)

Overview

Quantity:	100 µg
Target:	Ephrin A3 (EFNA3)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ephrin A3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human Ephrin-A3/EFNA3 Protein
Sequence:	MAAAPLLLLL LLVPVPLLPL LAQGGGALG NRHAVYWNSS NQHLRREGYT VQVNVNDYLD IYCPHYNSSG VGPGAGPGPG GGAEQYVLYM VSRNGYRTCEN ASQGFKRWEC NRPHAPHSPI KFSEKFQRYA AFSLGYEFHA GHEYYYISTP THNLHWKCLR MKVFCVCCAST SHSGEKPVPT LPQFTMGPNV KINVLEDFEG ENPQVPKLEK SIS
Specificity:	Met 1-Ser 213
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.01EU/µg

Target Details

Target:	Ephrin A3 (EFNA3)
Alternative Name:	Ephrin-A3/EFNA3 (EFNA3 Products)
Background:	Description: Ephrin-A3 (Ephrin A3) is also known as EFL-2, EHK1 ligand, EHK1-L, EPH-related

Target Details

receptor tyrosine kinase ligand 3, EFL2, EPLG3 and LERK3, which comprises the largest subfamily of receptor protein-tyrosine kinases (RTKs), and has been involved in a variety of biological processes, especially in the nervous system and in erythropoiesis, such as axon guidance and topographic map formation, synaptic plasticity, angiogenesis, and meanwhile have possible contributions to tumor growth and metastasis. Ephrin A3 is cell surface GPI-bound ligand for Eph receptors and belongs to the family of receptor tyrosine kinases. Ephrin can bind promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells.

Name: EFL2, EPLG3, LERK3, Ehk1-L, EFNA3

Gene ID: 1944

UniProt: [P52797-1](#)

Pathways: [RTK Signaling](#)

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 freeze-thaw cycles.

Concentration: 0.85 mg/mL

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 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.