

RP01714

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Recombinant human Ephrin-A3/EFNA3 Protein

Catalog No.: RP01714

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
human	1944	P52797-1

Tags

C-6His

Synonyms

EFL2; EPLG3; LERK3; Ehk1-L; EFNA3

Background

Ephrin-A3 (Ephrin A3) is also known as EFL-2, EHK1 ligand, EHK1-L, EPH-related 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.

Basic Information

Description

Recombinant human Ephrin-A3/EFNA3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met 1-Ser 213) of human Ephrin-A3/EFNA3 (Accession #NP_004943.1.) fused with and a 6xHis tag at the C-terminus.

Bio-Activity

Storage

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.

Avoid repeated freeze/thaw cycles.

Product Information

Source Purification

HEK293 cells

Endotoxin

< 0.01EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

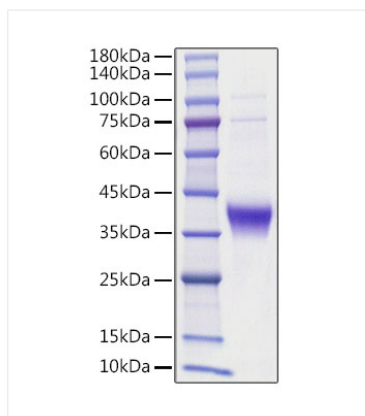
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant human Ephrin-A3/EFNA3
Protein was determined by SDS-PAGE with
Coomassie Blue, showing a band at 35&70
kDa.