

Recombinant Human Ephrin-A3/EFNA3 Protein (His Tag)

Catalog No. PKSH032390

Note: Centrifuge before opening to ensure complete recovery of vial contents.

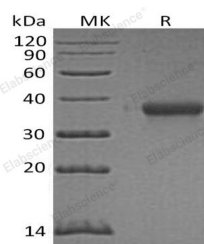
Description

Synonyms	Ephrin-A3;EFL-2;EHK1 Ligand;EHK1-L;EPH-Related Receptor Tyrosine Kinase Ligand 3;LERK-3;EFNA3;EFL2;EPLG3;LERK3
Species	Human
Expression Host	HEK293 Cells
Sequence	Gln23-Ser211
Accession	P52797
Calculated Molecular Weight	22.3 kDa
Observed molecular weight	36 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

Ephrins-A3 belongs the Ephrins ligand family which involved in a variety of biological processes, especially in the

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nervous system and in erythropoiesis. It is shown that Ephrin-A3 is expressed in brain, skeletal muscle, spleen, thymus, prostate, testis, ovary, small intestine, and peripheral blood leukocytes. Ephrin-A3 has a GPI anchor following the extracellular sequence and a signal sequence of 22 amino acids. Ephrin-A3 can bind EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA8 and EphB1. Futhermore, it is associated with tumor growth and metastasis.