

Recombinant Mouse Ephrin-A4/EFNA4 Protein (Fc Tag)



Catalog Number:PKSM041009

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

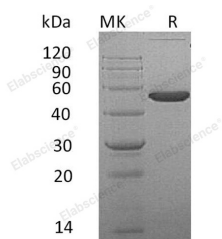
Description

Synonyms	Ephrin-A4;EPH-related receptor tyrosine kinase ligand 4;Epl4;Eplg4;Lerk4
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Arg27-Gly176
Accession	O08542
Calculated Molecular Weight	44.0 kDa
Observed molecular weight	53 kDa
Tag	C-Fc

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 PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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



> 95 % as determined by reducing SDS-PAGE.

Background

Ephrin-A4 belongs to the ephrin family and Contains 1 ephrin RBD (ephrin receptor-binding) domain. The protein is cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. 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.

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