

## Recombinant Mouse Ephrin-A3/EFNA3 Protein (Fc Tag)

**Catalog No.** PKSM041008

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

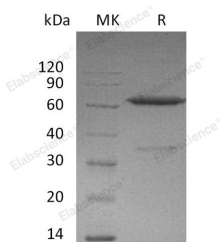
### Description

<b>Synonyms</b>	Ephrin-A3;EFL-2;EHK1 Ligand;EHK1-L;EPH-Related Receptor Tyrosine Kinase Ligand 3;LERK-3;EFNA3;EFL2;EPLG3;LERK3
<b>Species</b>	Mouse
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Gln23-Gly206
<b>Accession</b>	O08545
<b>Calculated Molecular Weight</b>	47.9 kDa
<b>Observed molecular weight</b>	58-70 kDa
<b>Tag</b>	C-Fc
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	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.
<b>Reconstitution</b>	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. Furthermore, it is associated with tumor growth and metastasis.