

Recombinant Human Ephrin-A3/EFNA3 Protein

Catalog No.: RP01022 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	1944	P52797-1

Tags

C-hFc&His

Synonyms

EFNA3;EFL2;EPLG3;Ehk1-L;LERK3;ephrin-A3

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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 free-thaw cycles.

Background

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 (Accession #NP_004943.1) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

1. Measured by its binding ability in a functional ELISA. Immobilized Mouse EPHA6 at 1 μg/mL (100 μL/well) can bind Human EphrinA3 with a linear range of 0.3-113.9 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Mouse EPHA6 at 1 μg/mL (100 μL/well) can bind Human EphrinA3 with a linear range of 0.3-59 ng/mL.

Storage

Store the lyophilized protein at -20 °C to -80 °C for long term.

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.

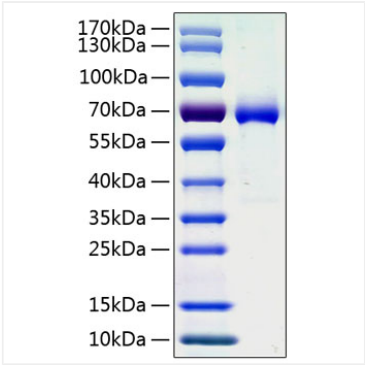
Contact

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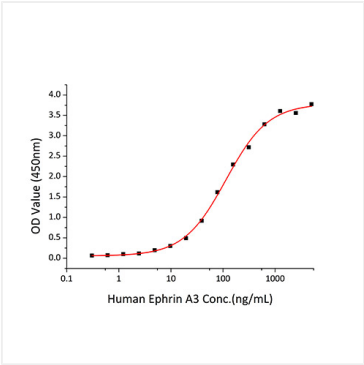
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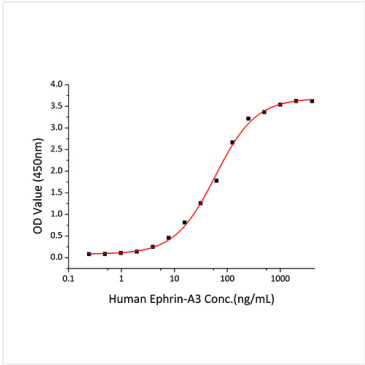
Validation Data



Recombinant Human Ephrin-A3/EFNA3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 68 kDa.



Immobilized Mouse EPHA6 at 1μg/mL (100 μL/well) can bind Human EphrinA3 with a linear range of 0.3-113.9ng/mL.



Immobilized Mouse EPHA6 at 1μg/mL (100 μL/well) can bind Human EphrinA3 with a linear range of 0.3-59 ng/mL.