

Active Recombinant Rhesus EPHB1 protein, hFc-tagged

Cat. No. EPHB1-340R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus EPHB1 protein(XP_001115263.1) (Met1-Pro540) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Pro540
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human Ephrin-B1 His at 2 µg/ml (100 µl/well) can bind Rhesus EphB1 hFc, the EC50 of Rhesus EphB1 hFc is 4.0-20.0 ng/mL.
Molecular Mass	The recombinant rhesus EPHB1 comprises 764 amino acids and has a calculated molecular mass of 85.4 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>85% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	EPHB1 EPH receptor B1 [<i>Macaca mulatta</i> (Rhesus monkey)]
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Official Symbol	EPHB1
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Synonyms	EPHB1
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Gene ID	717211
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mRNA Refseq	XM_001115263
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Protein Refseq	XP_001115263
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