Active Recombinant Cynomolgus EPHB6 Protein, Fc-tagged

Cat. No. EPHB6-1181C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus EPHB6 (Met1-Ser591) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-591 a.a.
Predicted N Terminal	Leu 32
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	1. Measured by its ability to bind human EFNB1-His in a functional ELISA. 2. Immobilized EFNB2-His at 10 μg/ml (100 μl/well) can bind Cynomolgus EPHB6-Fc, The EC50 of Cynomolgus EPHB6-Fc is 20.6-48 ng/ml.
Molecular Mass	The recombinant cynomolgus EPHB6 is a disulfide-linked homodimer. The reduced monomer comprises 801 amino acids and has a calculated molecular mass of 86.9 KDa.The apparent molecular mass of the protein is approximately 97 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	EPHB6 EPH receptor B6 [Macaca fascicularis]
Official Symbol	EPHB6
Synonyms	EPH receptor B6
Gene ID	102124431
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	
Chromosome Location	chromosome: 3
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem

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