

# Active Recombinant Cynomolgus EPHB6 Protein, Fc-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant cynomolgus EPHB6 (Met1-Ser591) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-591 a.a.
<b>Predicted N Terminal</b>	Leu 32
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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°C before opening to recover the entire contents.

## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA