

Active Recombinant Human EphB6 protein, Fc-tagged

Cat. No. EPHB6-40H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EphB6 protein(Met 1-Ser 579)(NP_004436.1) precursor was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-579 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized recombinant human EphrinB1 at 10 µg/ml (100 µl/well) can bind human EphB6 with a linear range of 0.16-4 µg/ml. 2. Immobilized recombinant human EphrinB2 at 10 µg/ml (100 µl/well) can bind human EphB6 with a linear range of 1.28-32 ng/ml.
Molecular Mass	The recombinant mature human EphB6/Fc chimera is a disulfide linked homodimeric protein. Each monomer consists of 801 amino acids and has a calculated molecular mass of 86.5 kDa. In SDS-PAGE under reducing conditions, rhEphB6/Fc monomer migrates with an apparent molecular mass of approximately 100-110 kDa due to glycosylation.
Endotoxin	< 1 EU/g as determined by LAL test.

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Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

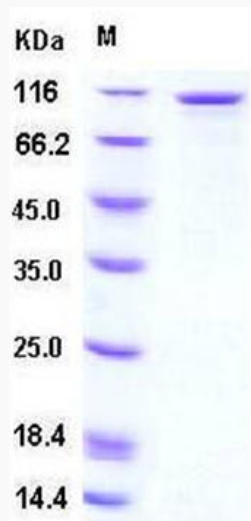
GENE INFORMATION

Gene Name	EPHB6 EPH receptor B6 [Homo sapiens]
Official Symbol	EPHB6
Synonyms	EPHB6; EPH receptor B6; EphB6; ephrin type-B receptor 6; HEP; tyrosine-protein kinase-defective receptor EPH-6; MGC129910; MGC129911;
Gene ID	2051
mRNA Refseq	NM_004445
Protein Refseq	NP_004436
MIM	602757
UniProt ID	O15197

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SDS-PAGE

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