

Active Recombinant Human EPHB2 protein, Fc-His-tagged

Cat. No. EPHB2-693H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHB2 protein(Met 1-Leu 543)(NP_059145.2) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-543 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind recombinant human EphrinB2 in a functional ELISA.
Molecular Mass	The recombinant human EphB2/Fc is a disulfide-linked homodimer. The reduced monomer consists of 773 amino acids and has a predicted molecular mass of 86 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EphB2/Fc monomer is approximately 90-100 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
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-

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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 EPHB2 EPH receptor B2 [Homo sapiens]

Official Symbol EPHB2

Synonyms

EPHB2; EPH receptor B2; DRT, EphB2 , EPHT3, ERK; ephrin type-B receptor 2; Hek5; Tyro5; EPH-like kinase 5; eph tyrosine kinase 3; elk-related tyrosine kinase; protein-tyrosine kinase HEK5; tyrosine-protein kinase TYRO5; renal carcinoma antigen NY-REN-47; tyrosine-protein kinase receptor EPH-3; developmentally-regulated Eph-related tyrosine kinase; DRT; EK5; ERK; CAPB; PCBC; EPHT3; MGC87492;

Gene ID 2048

mRNA Refseq NM_004442

Protein Refseq NP_004433

MIM 600997

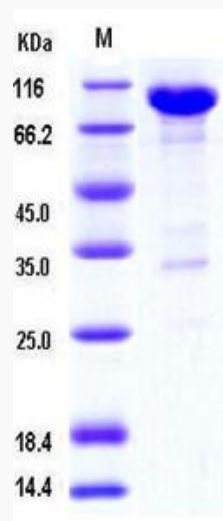
UniProt ID P29323

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SDS-PAGE



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