Active Recombinant Human EPHB1 protein, His-tagged

Cat. No. EPHB1-967H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHB1 protein(P54762-1)(Met1-Pro540), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro540
Form	Lyophilized from sterile PBS, pH 7.4, 5% glycerolPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	1.Immobilized Human EphB1 His at 2 μg/mL (100 μL/well) can bind Human Ephrin-B1 His & hFc, the EC50 of Human Ephrin-B1 His & hFc is 35-200 ng/mL. 2.Immobilized Human EphB1 His at 2 μg/mL (100 μL/well) can bind Human Ephrin B2 His & hFc, the EC50 of Human Ephrin B2 His & hFc is 1.5-9.0 ng/mL.
Molecular Mass	The recombinant human EPHB1 consists of 534 amino acids and has a calculated molecular mass of 60 kDa as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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 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	EPHB1 EPH receptor B1 [Homo sapiens]
Official Symbol	EPHB1
Synonyms	EPHB1; EPH receptor B1; EphB1 , EPHT2; ephrin type-B receptor 1; Hek6; EK6; EPH-like kinase 6; eph tyrosine kinase 2; soluble EPHB1 variant 1; tyrosine-protein kinase receptor EPH-2; neuronally-expressed EPH-related tyrosine kinase; ELK; NET; EPHT2; FLJ37986;
Gene ID	2047
mRNA Refseq	NM_004441
Protein Refseq	NP_004432
MIM	600600
UniProt ID	P54762

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA