

Active Recombinant Human EPHB1 protein, His&GST-tagged

Cat. No. EPHB1-8550H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHB1 protein(AAI11745.1)(Arg565-Ala984), fused with His&GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Arg565-Ala984
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 3mM DTT, pH 8.0, 10% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	The specific activity was determined to be 140 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human EPHB1 /GST chimera consists of 657 amino acids and has a calculated molecular mass of 75.3 kDa. The recombinant protein migrates as an approximately 66 kDa band 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
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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](#)

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