Active Recombinant Human EPHB4 protein, His&GST-tagged

Cat. No. EPHB4-7278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHB4 protein(P54760) (Leu563-Tyr987) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	563-987 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 3mM DTT, 10% gly.
Bio-activity	The specific activity was determined to be 47 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human EPHB4/GST chimera consists of 662 amino acids and has a calculated molecular mass of 75.2 kDa. The recombinant protein migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1 EU/μg as determined by LAL test.
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-

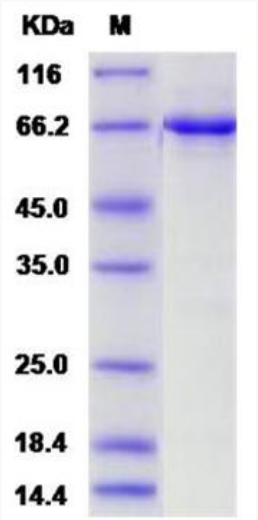
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	thaw cycles.
Concentration	0.2-1.0 mg/mL.

GENE INFORMATION

Gene Name	EPHB4 EPH receptor B4 [Homo sapiens]
Official Symbol	EPHB4
Synonyms	EPHB4; EPH receptor B4; EphB4 , HTK; ephrin type-B receptor 4; Tyro11; ephrin receptor EphB4; soluble EPHB4 variant 1; soluble EPHB4 variant 2; soluble EPHB4 variant 3; hepatoma transmembrane kinase; tyrosine-protein kinase TYRO11; tyrosine-protein kinase receptor HTK; HTK; MYK1; TYRO11;
Gene ID	2050
mRNA Refseq	NM_004444
Protein Refseq	NP_004435
MIM	600011
UniProt ID	P54760

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SDS-PAGE	

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