

Active Recombinant Human EPHB3 protein, His&GST-tagged

Cat. No. EPHB3-8627H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EPHB3 protein(P54753) (Gln585-Val998) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	585-998 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Bio-activity	The specific activity was determined to be 90 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.
Molecular Mass	The recombinant human EPHB3 /GST chimera consists of 651 amino acids and has a calculated molecular mass of 74.7 kDa. The recombinant protein migrates as an approximately 64 kDa band in SDS-PAGE under reducing conditions.
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

EPHB3 EPH receptor B3 [Homo sapiens]

Official Symbol

EPHB3

Synonyms

EPHB3; EPH receptor B3; EphB3 , ETK2; ephrin type-B receptor 3; Hek2; Tyro6; EK2; EPH-like kinase 2; embryonic kinase 2; human embryo kinase 2; EPH-like tyrosine kinase 2; EPH-like tyrosine kinase-2; tyrosine-protein kinase TYRO6; ETK2; HEK2; TYRO6;

Gene ID

2049

mRNA Refseq

NM_004443

Protein Refseq

NP_004434

MIM

601839

UniProt ID

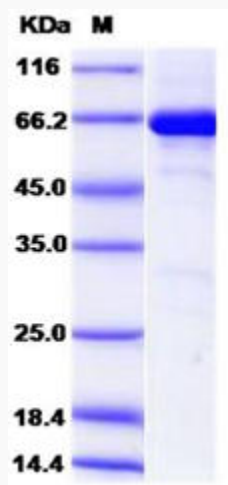
P54753

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SDS-PAGE



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