

Recombinant Human EPHB4 protein, GST-tagged

Cat. No. EPHB4-364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHB4 protein(NP_004435)(197-539 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	197-539 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	CAQLTVNLTRFPETVPRELVPVAGSCVVDAPAPGSPSLYCREDGQWAEQPV GCSCAPGFEEAEGNTKCRACAQGTGFKPLSGEGSCQPCPANSHTIGSAVCQCRV GYFRARTDPRGAPCTTPPSAPRSVVSRLNGSSLHLEWSAPLES GGREDLT YALRCR ECRPGGSCAPCGGDLTFDPGPRDLVEPWVVVRGLRPDFTYTFEVTALNGVSSLAT GPVPFEPVNVTTDREVPPAVSDIRVTRSSPSSLSLAWAVPRAPSGAVLDYEVKYHE KGAEGPSSVRFLKTSENRAELRGLKRGASYLVQVRARSEAGYGPFQGEHHSQTQL DESEGWREQLA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).
 If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
 Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

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

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UniProt ID

P54760

SDS-PAGE

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