

Recombinant Human EPHB2 protein, His-tagged

Cat. No. EPHB2-3690H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHB2 protein(886-986 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	886-986 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	NPNSLKAMAPLSSGINLPLLDRTIPDYTSFNTVDEWLEAIKMGQYKESFANAGFTSFD VVSQMMMEDILRVGVTLAGHQKKILNSIQVMRAQMNQIQSVEG
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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [EPHB2 EPH receptor B2 \[Homo sapiens \]](#)

Official Symbol [EPHB2](#)

Synonyms EPHB2; EPH receptor B2; DRT, EphB2 , EPHT3, ERK; ephrin type-B receptor 2; Hek5; Tyro5; EPH-like kinase 5; eph tyrosine kinase 3; elk-related tyrosine kinase; protein-tyrosine kinase HEK5; tyrosine-protein kinase TYRO5; renal carcinoma antigen NY-REN-47; tyrosine-protein kinase receptor EPH-3; developmentally-regulated Eph-related tyrosine kinase; DRT; EK5; ERK; CAPB; PCBC; EPHT3; MGC87492;

Gene ID [2048](#)

mRNA Refseq [NM_004442](#)

Protein Refseq [NP_004433](#)

MIM [600997](#)

UniProt ID [P29323](#)

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