

Recombinant Human EPHB1 protein(Met18-Pro540), hFc-tagged

Cat. No. EPHB1-374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHB1 protein(Met18-Pro540) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met18-Pro540
Form	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Molecular Mass	85.6 Kda
AA Sequence	MEETLMDTRTATAELGWTANPASGW EEVSGYDENLNTIRTYQVCNVFEPN QNNWLLTTFINRRGAHRIYTEMRFT VRDCSSLPNVPGSCKETFNLYYYET DSVIATKKSAFWSEAPYLKVDITAA DESFSQVDFGGRLMKVNTEVRSFGP LTRNGFYLAQDYGACMSLLSVRVF FKKCPSIVQNFAVFPETMTGAESTS LVIARGTCIPNAEEVDVPIKLYCNG DGEWMVPIGRCTCKPGYEPENSVAC KACPAGTFKASQEAEGCSHCPSNSR SPAEASPICTCRTGYRADFDPPPEV ACTSVPSGPRNVISIVNETSIILEW HPPRETGGRDDVTYNIICKKCRADR RSCSRCDNVEFVPRQLGLTECRVS ISSLWAHTPYTFDIQAINGVSSKSP FPPQHVSVNITTNQAAPSTVPIMHQ VSATMRSITLSWPQPEQPNGIILDY EIRYYEKEHNEFNSSMARSQTNTAR IDGLRPGMVYVVQVRARTVAGYGKF SGKMCFQTLTDDDYKSELREQLPVD DIEGRMDEPKSCDKTHTCPPCPAPE

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LLGGPSVFLFPPKPKDTLMISRTPE VTCVVVDVSHEDPEVKFNWYVDGVE
VHNAKTKPREEQYNSTYRVVSVLTV LHQDWLNGKEYKCKVSNKALPAPIE
KTISKAKGQPREPQVYTLPPSREEM TKNQVSLTCLVKGFYPSDIAVEWES
NGQPENNYKTTTPVLDSGGSFFLYS KLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPGK

Endotoxin Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.

Purity Greater than 95% as determined by reducing SDS-PAGE.

Storage Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt.
Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days.
Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100 μg/ml.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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

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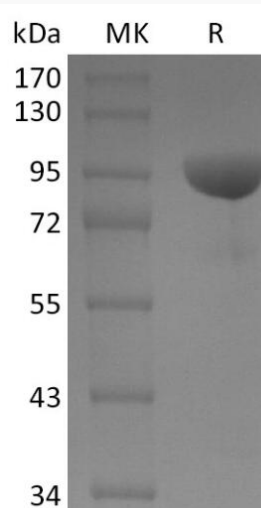
mRNA Refseq [NM_004441](#)

Protein Refseq [NP_004432](#)

MIM [600600](#)

UniProt ID [P54762](#)

SDS-PAGE



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