

Recombinant Human EPHB1 Protein, DDK/His-tagged

Cat. No. EPHB1-372H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHB1(Met18-Pro540) fused with DDK/His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met18-Pro540
Description	Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene is a receptor for ephrin-B family members.
Form	1 x PBS, pH7.4, 10% glycerol
Molecular Mass	61 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

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

mRNA Refseq NM_004441

Protein Refseq NP_004432

MIM 600600

UniProt ID P54762

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