

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	<p>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.</p>
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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