

Recombinant Human EPHB3 Protein, MYC/DDK-tagged

Cat. No. EPHB3-1900H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EPHB3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
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 two 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. This gene encodes a receptor for ephrin-B family members. [provided by RefSeq, Mar 2010].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	106.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	EPHB3 EPH receptor B3 [Homo sapiens]
Official Symbol	EPHB3
Synonyms	EK2; ETK2; HEK2; TYRO6
Gene ID	2049
mRNA Refseq	NM_004443
Protein Refseq	NP_004434
MIM	601839
UniProt ID	P54753

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