

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	<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 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].</p>
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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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