

Recombinant Human EPHA2 Protein, DDK-tagged

Cat. No. EPHA2-360H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA2(Met-Ala24-Val537) fused with DDK tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Met-Ala24-Val537
Description	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin 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. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	56.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

Concentration

>50 ug/mL as determined by microplate BCA method

GENE INFORMATION
Gene Name

EPHA2 EPH receptor A2 [Homo sapiens]

Official Symbol

EPHA2

Synonyms

EPHA2; EPH receptor A2; ECK, EphA2; ephrin type-A receptor 2; soluble EPHA2 variant 1; tyrosine-protein kinase receptor ECK; epithelial cell receptor protein tyrosine kinase; ECK; CTPA; ARCC2; CTPP1;

Gene ID

1969

mRNA Refseq

NM_004431

Protein Refseq

NP_004422

MIM

176946

UniProt ID

P29317

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