

Recombinant Human EPHA2 Protein, DDK/His-tagged

Cat. No. EPHA2-359H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA2(Ala24-Val537) fused with DDK/His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	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	1 x PBS, pH7.4, 10% glycerol
Molecular Mass	59 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	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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