

## Recombinant Human EPHA2 Protein, DYKDDDDK-tagged

Cat. No. EPHA2-151H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EPH receptor A2(EPHA2), transcript variant 1(NM_004431), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	<p>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.</p>
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.317, without any preservatives.
<b>Molecular Mass</b>	108.1 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining

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**Applications** Antigen, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

## 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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