

Recombinant Human EPHA8 Protein, DDK/His-tagged

Cat. No. EPHA8-371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA8(Ala28-Thr542), transcript variant 1, fused with DDK/His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala28-Thr542
Description	This gene encodes a member of 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. The protein encoded by this gene functions as a receptor for ephrin A2, A3 and A5 and plays a role in short-range contact-mediated axonal guidance during development of the mammalian nervous system.
Form	1 x PBS, pH7.4, 10% glycerol.
Molecular Mass	60 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 [EPHA8 EPH receptor A8 \[Homo sapiens \]](#)

Official Symbol [EPHA8](#)

Synonyms

EPHA8; EPH receptor A8; EEK, EphA8; ephrin type-A receptor 8; Hek3; EPH-like kinase 3; tyrosylprotein kinase; protein-tyrosine kinase; hydroxyaryl-protein kinase; EPH- and ELK-related kinase; EPH- and ELK-related tyrosine kinase; tyrosine-protein kinase receptor EEK; EEK; EK3; HEK3; KIAA1459;

Gene ID [2046](#)

mRNA Refseq [NM_020526](#)

Protein Refseq [NP_065387](#)

MIM [176945](#)

UniProt ID [P29322](#)

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