

Recombinant Human EPHA5 Protein, DDK-tagged

Cat. No. EPHA5-368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA5(Met-Pro25-Pro573), transcript variant 1, fused with DDK tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Met-Pro25-Pro573
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. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	60.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3

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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 EPHA5 EPH receptor A5 [Homo sapiens]

Official Symbol EPHA5

Synonyms EPHA5; EPH receptor A5; EphA5; ephrin type-A receptor 5; CEK7; EHK1; Hek7; TYRO4; EK7; EHK-1; EPH-like kinase 7; EPH homology kinase 1; Eph homology kinase-1; brain-specific kinase; receptor protein-tyrosine kinase HEK7; tyrosine-protein kinase receptor EHK-1; HEK7;

Gene ID 2044

mRNA Refseq NM_004439

Protein Refseq NP_004430

MIM 600004

UniProt ID P54756

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