

Recombinant Human EPHA1 Protein, DDK-tagged

Cat. No. EPHA1-362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHA1(Met-Lys26-Glu547) fused with DDK tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Met-Lys26-Glu547
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 is expressed in some human cancer cell lines and has been implicated in carcinogenesis.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	56.5 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 EPHA1 EPH receptor A1 [Homo sapiens]

Official Symbol EPHA1

Synonyms EPHA1; EPH receptor A1; EphA1 , EPHT, EPHT1; ephrin type-A receptor 1; EPH; hEpha1; oncogene EPH; eph tyrosine kinase 1; soluble EPHA1 variant 1; soluble EPHA1 variant 2; tyrosine-protein kinase receptor EPH; erythropoietin-producing hepatoma receptor; erythropoietin-producing hepatoma amplified sequence; EPHT; EPHT1; MGC163163;

Gene ID 2041

mRNA Refseq NM_005232

Protein Refseq NP_005223

MIM 179610

UniProt ID P21709

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