

Recombinant Human EPHA3 Receptor A3, GST-tagged, Active

Cat. No. EPHA3-301H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human EPHA3 (571-end) was expressed by baculovirus in <i>Sf9</i> insect cell/susing an N-terminal GST tag. MW=72kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	571-end a.a.
Description	EPHA3 is a member of the ephrin receptor subfamily of protein-tyrosine kinases that bind the ephrin-A ligand and have diverse cellular function. Analysis of human colorectal, breast, lung and pancreatic cancer samples shows somatic mutations in the EPHA3 gene. EPHA3 gene expression can be regulated by CD28 and IGF-1 in Jurkat cells and expression of EPHA3 is associated with adherence and motility of malignant T cells.
Sequence	571-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

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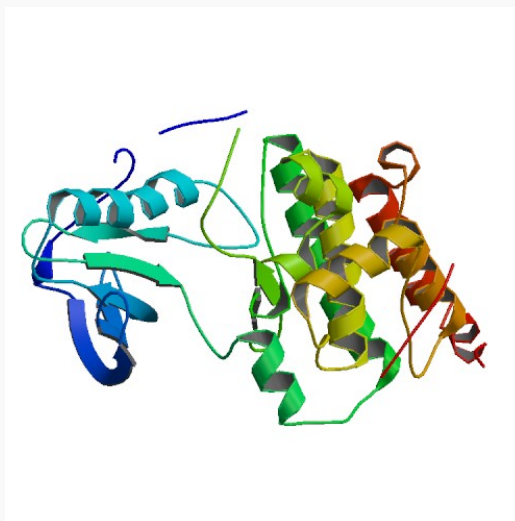
Gene Name	EPHA3 EPH receptor A3 [Homo sapiens]
Synonyms	EPHA3; EPH receptor A3; ETK; HEK; ETK1; HEK4; TYRO4; ephrin receptor EphA3; human embryo kinase 1; eph-like tyrosine kinase 1; TYRO4 protein tyrosine kinase; EC 2.7.10.1
Gene ID	2042
mRNA Refseq	NM_005233
Protein Refseq	NP_005224
MIM	179611
UniProt ID	P29320
Chromosome Location	3p11
Pathway	Axon guidance
Function	ATP binding; ephrin receptor activity; nucleotide binding; protein binding; receptor activity; transferase activity

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on 2gsf.



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