

Active Recombinant Human EPHA3 Protein, GST/His-tagged

Cat. No. EPHA3-3380H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EPHA3 (NM_005233, 569 a.a. - 983 a.a.) partial recombinant protein with GST-His tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
ProteinLength	569-983 a.a.
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 encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008]
Form	Liquid
Bio-activity	184 pmol/μg x min
Molecular Mass	75.680 kDa

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Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing
Concentration	0.140 µg/µL
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)

GENE INFORMATION

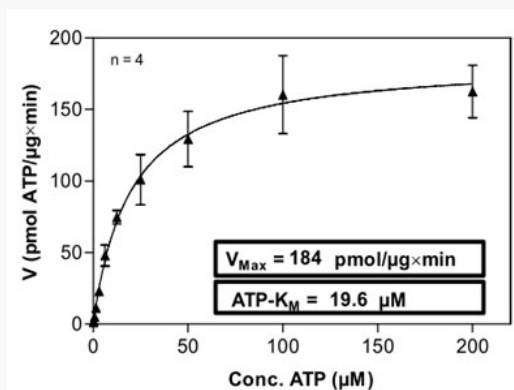
Gene Name	EPHA3 EPH receptor A3 [Homo sapiens]
Official Symbol	EPHA3
Synonyms	EPHA3; EPH receptor A3; EphA3 , ETK, ETK1, TYRO4; ephrin type-A receptor 3; HEK; HEK4; EPH-like kinase 4; human embryo kinase 1; eph-like tyrosine kinase 1; TYRO4 protein tyrosine kinase; tyrosine-protein kinase receptor ETK1; EK4; ETK; ETK1; TYRO4;
Gene ID	2042
mRNA Refseq	NM_005233
Protein Refseq	NP_005224
MIM	179611
UniProt ID	P29320

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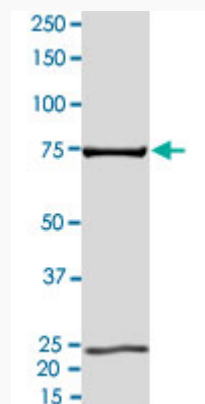
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Result of activity analysis



Quality Control Testing



2 μg/lane SDS-PAGE Stained with Coomassie Blue

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