

Active Recombinant Human EPHA5 Protein, GST/His-tagged

Cat. No. EPHA5-3388H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EPHA5 (NM_004439.3, 595 a.a. - 1037 a.a.) partial recombinant protein with GST-His tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
ProteinLength	595-1037 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. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Aug 2013]
Form	Liquid
Bio-activity	247 pmol/μg x min
Molecular Mass	80.683 kDa

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Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing
Concentration	0.167 µg/µL
Storage Buffer	In 50 mM Hepes100 mM NaCl, pH 7.5. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)

GENE INFORMATION

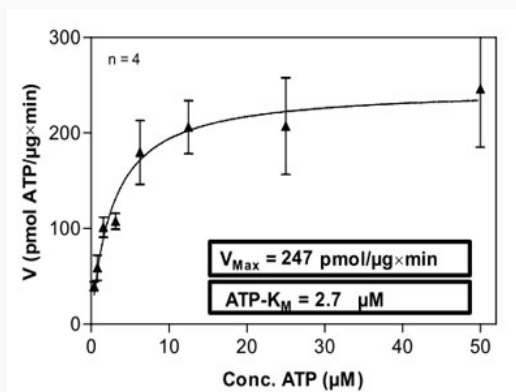
Gene Name	EPHA5 EPH receptor A5 [Homo sapiens]
Official Symbol	EPHA5
Synonyms	EPHA5; EPH receptor A5; EphA5; ephrin type-A receptor 5; CEK7; EHK1; Hek7; TYRO4; EK7; EHK-1; EPH-like kinase 7; EPH homology kinase 1; Eph homology kinase-1; brain-specific kinase; receptor protein-tyrosine kinase HEK7; tyrosine-protein 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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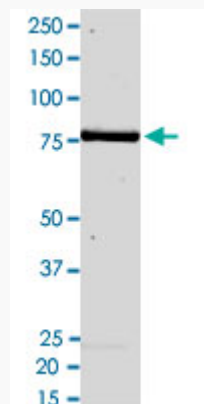
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Result of activity analysis



Quality Control Testing



2 μg/lane SDS-PAGE Stained with Coomassie Blue