

Product datasheet for **TP710130**

Eph receptor A5 (EPHA5) (NM_004439) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human EPH receptor A5 (EPHA5), transcript variant 1, residues 25-573aa, with C-terminal DDK tag, expressed in sf9, 20ug
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC213206, encoding the region(Met-Pro25-Pro573) of Homo sapiens EPHA5
Tag:	C-DDK
Predicted MW:	60.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004430
Locus ID:	2044
UniProt ID:	P54756 , A0A384MU00 , B7ZKJ3 , Q59FT4
RefSeq Size:	3349
Cytogenetics:	4q13.1-q13.2
RefSeq ORF:	3111
Synonyms:	CEK7; EHK-1; EHK1; EK7; HEK7; TYRO4



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Summary:

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]

Protein Families:

Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways:

Axon guidance

Product images: