

## Product datasheet for **TP700142**

### Eph receptor A5 (EPHA5) (NM\_004439) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of human EPH receptor A5 (EPHA5), transcript variant 1, with C-terminal DDK/His tag, expressed in human cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC600042, encoding the region (Pro25 - Pro573) of human EPHA5
Tag:	C-DDK/His
Predicted MW:	64 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 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:	<a href="#">NP_004430</a>
Locus ID:	2044
UniProt ID:	<a href="#">P54756</a> , <a href="#">A0A384MU00</a> , <a href="#">B7ZKJ3</a> , <a href="#">Q59FT4</a>
RefSeq Size:	8418
Cytogenetics:	4q13.1-q13.2
RefSeq ORF:	1719
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:**