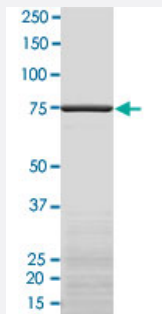


Bioactive

## EPHA4 (Human) Recombinant Protein

Catalog # P4679      Size 100 ug

### Applications



### Result of activity analysis

Result of activity analysis

□

### Specification

<b>Product Description</b>	Human EPHA4 (NM_004438, 570 a.a. - 986 a.a.) partial recombinant protein with GST-His tag expressed in Sf9 cells.
<b>Host</b>	insect
<b>Theoretical MW (kDa)</b>	76.587
<b>Form</b>	Liquid
<b>Preparation Method</b>	Insect cell (Sf9) expression system
<b>Purification</b>	One-step affinity purification using GSH-agarose
<b>Concentration</b>	0.628 ug/uL

Activity	19 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — EPHA4

Entrez GeneID	<a href="#">2043</a>
Protein Accession#	<a href="#">NM_004438</a>
Gene Name	EPHA4
Gene Alias	HEK8, SEK, TYRO1
Gene Description	EPH receptor A4
Omim ID	<a href="#">602188</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene 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. [provided by RefSeq]
Other Designations	OTTHUMP00000164185 TYRO1 protein tyrosine kinase ephrin receptor EphA4 ephrin type-A receptor 4 receptor protein-tyrosine kinase HEK8 tyrosine-protein kinase receptor SEK

## Pathway

- [Axon guidance](#)

## Disease

- [Alzheimer Disease](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)