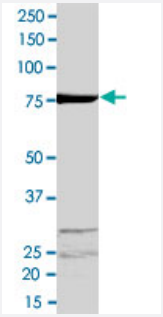
Bioactive

EPHA7 (Human) Recombinant Protein

Catalog # P4681 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human EPHA7 (NM_004440, 579 a.a. - 998 a.a.) partial recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	78.443
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	GST affinity chromatography
Concentration	0.317 ug/uL

Activity	21 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (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 — EPHA7

Entrez GeneID	2045
Protein Accession#	NM_004440
Gene Name	EPHA7
Gene Alias	EHK3, HEK11
Gene Description	EPH receptor A7
Omim ID	602190
Gene Ontology	Hyperlink
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 th e nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an e xtracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin rece ptors are divided into 2 groups based on the similarity of their extracellular domain sequences an d their affinities for binding ephrin-A and ephrin-B ligands. [provided by RefSeq
Other Designations	Eph homology kinase-3|OTTHUMP00000016875|OTTHUMP00000040586|ephrin receptor EphA 7|ephrin type-A receptor 7|receptor protein-tyrosine kinase HEK11|tyrosine-protein kinase recept or EHK-3

Pathway

- Axon guidance

Disease

- Tobacco Use Disorder