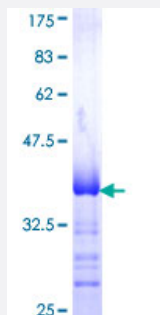


EPHA7 (Human) Recombinant Protein (Q01)

Catalog # H00002045-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human EPHA7 partial ORF (AAH27940, 231 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RGTCVSSAEEEAENAPRMHCSAEGEWLVPIGKCICKAGYQQKGDTCEPCGRGFYKSSSQDLQC SRCPTHSFSDKEGSSRCECEDGYRAPSDPPYVACTR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EPHA7

Entrez GeneID [2045](#)

GeneBank Accession# [NM_004440](#)

Protein Accession# [AAH27940](#)

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 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 Eph homology kinase-3|OTTHUMP00000016875|OTTHUMP00000040586|ephrin receptor EphA7|ephrin type-A receptor 7|receptor protein-tyrosine kinase HEK11|tyrosine-protein kinase receptor EHK-3

Pathway

- [Axon guidance](#)

Disease

- [Tobacco Use Disorder](#)