

EPHA7 recombinant protein

EPHA7, Active

CATALOG # AAA73518	HOST Sf9 insect cells	APPLICATIONS Western Blot
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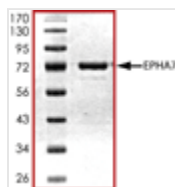
PRODUCT SYNONYMS

EPHA7; Active; CEK11; EHK3; HEK11; MDK1; EPHA7 recombinant protein

PRODUCT SPECIFICATIONS

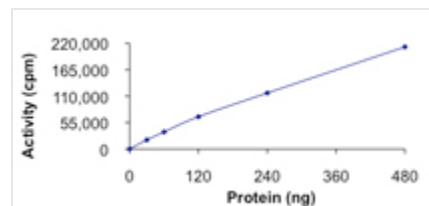
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for EPHA7 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Mouse
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for EPHA7 recombinant protein	Recombinant mouse EPHA7 (580-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The EPHA7 gene accession number is BC026153. EPHA7 is a member of the ephrin receptor subfamily of protein-tyrosine kinases family that have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the Ephsubfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2-fibronectin types III repeats. EPHA7 mediated signaling act as a physiologic trigger for apoptosis that can alter brain size and shape by regulating the number of neural progenitors (1). The high expression of EPHA7 protein plays an important role in the malignancy transformation, invasion progression and metastasis of primary hepatocellular carcinoma (2).
Product Categories/Family for EPHA7 recombinant protein	Protein Kinases; Angiogenesis; Cancer; Cardiovascular Disease; Neurobiology; Receptor Tyrosine Kinases

References	1. Depaepe, V. et.al: Ephrin signalling controls brain size by regulating apoptosis of neural progenitors. Nature 435: 1244-1250, 2005. 2. Zhang SJ. et.al: Expression of EphA7 protein in primary hepatocellular carcinoma and its clinical significance. Zhonghua Wai Ke Za Zhi. 2010 Jan 1;48(1):53-6.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20070701
NCBI GeneID	13841
Molecular Weight	73.0 kDa
NCBI Official Full Name	Mus musculus Eph receptor A7, mRNA
NCBI Official Synonym Full Names	Eph receptor A7
NCBI Official Symbol	Epha7
NCBI Official Synonym Symbols	Ebk; Ehk3; Mdk1; Cek11; Hek11
NCBI Protein Information	ephrin type-A receptor 7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/epha7-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73518>