

EPHA6 recombinant protein

EPHA6, Active

CATALOG # AAA73517	HOST Sf9 insect cells	APPLICATIONS Western Blot
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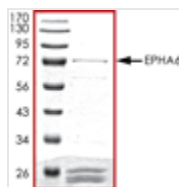
PRODUCT SYNONYMS

EPHA6; Active; EPA6; FLJ35246; PRO57066; DKFZp434C1418; EPHA6 recombinant protein

PRODUCT SPECIFICATIONS

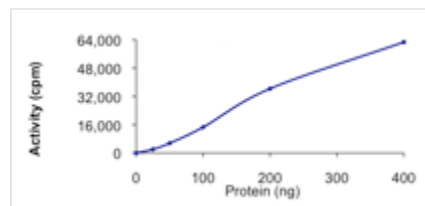
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for EPHA6 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may 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 EPHA6 recombinant protein	Recombinant human EPHA6 (683-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_001080448. EPHA6 is a member of the ephrin receptor subfamily of protein-tyrosine kinases which have been implicated in axon guidance, neuron-target interactions, regional compartmentalization, and synaptic functions in nervous systems. EPHA6 is highly expressed in the brain and testis. Reduction in EPHA6 has been detected in Hypospadias, a common defect affecting the growth and closure of the external genitalia (1). Genetic inhibition of EPHA6 in mice produces behavioral deficits specifically in tests of learning and memory. Mice deficient in EPHA6 show reduced memory of the consequences of the training context (2).
Product Categories/Family for EPHA6 recombinant protein	Protein Kinases; Angiogenesis; Cancer; Cardiovascular Disease; Neurobiology; Receptor Tyrosine Kinases

References

1. Shaut C A, et al: HOXA13 directly regulates EphA6 and EphA7 expression in the genital tubercle vascular endothelia. Dev Dyn. 2007 Apr;236(4):951-60.
2. Savelieva K V, et al: Learning and memory impairment in Ephreceptor A6 knockout mice. Neurosci Lett. 2008 Jun 20;438(2):205-9.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_001080448](#)

Molecular Weight

~73kDa

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/epha6-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73517>