

EPHA1 recombinant protein

EPHA1, Active

CATALOG # AAA73512	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

EPHA1; Active; EPH; EPHT; EPHT1; MGC163163; EPHA1 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 EPHA1 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 EPHA1 recombinant protein	Recombinant human EPHA1 (569-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_005232. EPHA1 is a member of the Ephfamily of receptor tyrosine kinases that have been implicated in mediating developmental events, particularly in the nervous system (1). Receptors in the Ephsubfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. EPHA1 seems to be a marker of the differentiated normal epidermis and its downregulation in nonmelanoma skin cancer may contribute to carcinogenesis of these very frequent human tumors. EPHA1 represents a new potential prognostic marker and therapeutic target in nonmelanoma skin cancer (2).
Product Categories/Family for EPHA1 recombinant protein	Protein Kinases ; Angiogenesis ; Cancer ; Cardiovascular Disease ; Neurobiology ; Receptor Tyrosine Kinases
References	1. Kullander, K. et al: Mechanisms and functions of Ephand ephrin signalling. Nat Rev Mol Cell Biol. 2002 Jul;3(7):475-86. 2. Hafner, C. et al: Expression profile of Ephreceptors and ephrin ligands in human skin and downregulation of EPHA1 in nonmelanoma skin cancer. Mod Pathol. 2006 Oct;19(10):1369-77

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_005232
Molecular Weight	~72kDa

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/epha1-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73512>