

EPHA3 recombinant protein

EPHA3, Active

CATALOG # AAA73514	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

EPHA3; Active; ETK; HEK; ETK1; HEK4; TYRO4; EPHA3 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for EPHA3 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 EPHA3 recombinant protein	Recombinant human EPHA3 (571-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is BC063282. EPHA3 is a member of the ephrin receptor subfamily of protein-tyrosine kinases that bind the ephrin-A ligand and have diverse cellular function. Analysis of human colorectal, breast, lung and pancreatic cancer samples shows somatic mutations in the EPHA3 gene (1). EPHA3 gene expression can be regulated by CD28 and IGF-1 in Jurkat cells and expression of EPHA3 is associated with adherence and motility of malignant T cells (2).
Product Categories/Family for EPHA3 recombinant protein	Protein Kinases ; Angiogenesis ; Cancer ; Cardiovascular Disease ; Neurobiology ; Receptor Tyrosine Kinases
References	1. Wood, L D. et al: Somatic mutations of GUCY2F, EPHA3, and NTRK3 in human cancers. Hum Mutat. 2006 Oct;27(10):1060-1. 2. Smith, L M. et al: EphA3 is induced by CD28 and IGF-1 and regulates cell adhesion. Exp Cell Res. 2004 Jan 15;292(2):295-303.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38648756
NCBI GeneID	2042
Molecular Weight	72.0 kDa
NCBI Official Full Name	Homo sapiens EPH receptor A3, mRNA
NCBI Official Synonym Full Names	EPH receptor A3
NCBI Official Symbol	EPHA3
NCBI Official Synonym Symbols	EK4; ETK; HEK; ETK1; HEK4; TYRO4
NCBI Protein Information	ephrin type-A receptor 3

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/epha3-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73514>