

FASTK recombinant protein

FASTK, Active

CATALOG # AAA73534	HOST Sf9 insect cells	APPLICATIONS Western Blot
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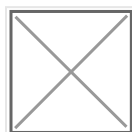
PRODUCT SYNONYMS

FASTK; Active; FAST; FLJ13079; FASTK 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 FASTK 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 FASTK recombinant protein	Recombinant full-length human FASTK was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The FASTK gene accession number is NM_006712. FASTK or Fas-Activated Serine/Threonine Kinase is a member of the serine/threonine protein kinase family that becomes rapidly activated during Fas-mediated apoptosis in Jurkat cells and in response to Fas receptor ligation. FASTK interacts with and phosphorylates TIA1 which is an apoptosis-promoting nuclear RNA-binding protein. FAST K influences alternative pre-mRNA splicing by affecting the activity of TIA-1/TIAR (1). FASTK is a strong inducer of lymphocyte apoptosis. FASTK is the component of the molecular cascade that involved in FAS-mediated apoptosis (2). FASTK is highly expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas.
Product Categories/Family for FASTK recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; Cancer ; Cardiovascular Disease ; NfκB Pathway ; Ser/Thr Kinases
References	1. Izquierdo, J M. et al: Fas-activated serine/threonine kinase (FAST K) synergizes with TIA-1/TIAR proteins to regulate Fas alternative splicing. J Biol Chem. 2007 Jan 19;282(3):1539-43. 2. Tian. et.al: Fas-activated serine/threonine kinase (FAST) phosphorylates TIA-1 during Fas-mediated apoptosis. J. Exp. Med. 182: 865-874, 1995.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_006712
Molecular Weight	~84kDa

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fastk-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73534>