

Product datasheet

Recombinant human FASTK protein ab131693

5 Images

Description

Product name	Recombinant human FASTK protein
Purity	> 70 % SDS-PAGE. Assessed by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	9BWD7
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	84 kDa including tags
Amino acids	1 to 549

Specifications

Our [Abpromise guarantee](#) covers the use of **ab131693** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE Western blot
Form	Liquid
Additional notes	ab204874 (PKI-alpha peptide) can be utilized as a substrate for assessing kinase activity

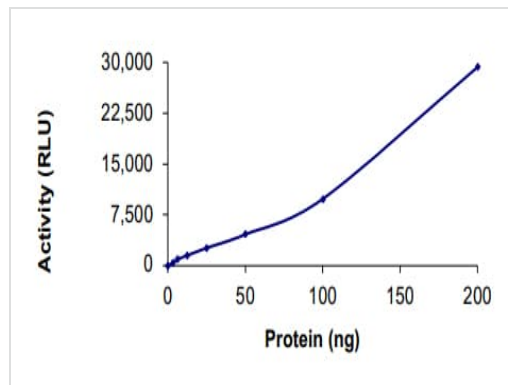
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.005% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

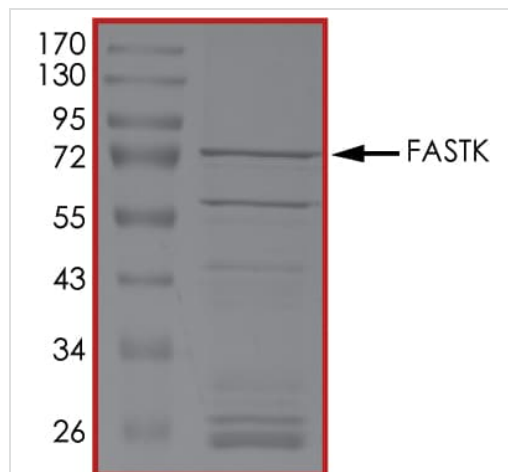
Function	Phosphorylates the splicing regulator TIA1, thereby promoting the inclusion of FAS exon 6, which leads to an mRNA encoding a pro-apoptotic form of the receptor.
Tissue specificity	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Sequence similarities	Belongs to the FAST protein kinase family. Contains 1 RAP domain.
Post-translational modifications	Autophosphorylated on serine/threonine residues. Activated by dephosphorylation.

Images



Functional Studies - Recombinant human FASTK protein (ab131693)

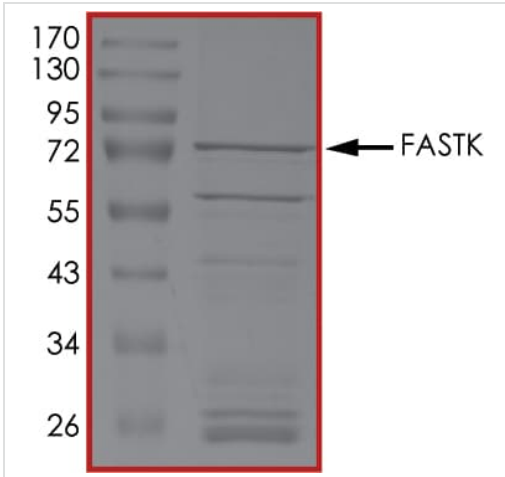
The specific activity of FASTK (ab131693) was determined to be 0.5 nmol/min/mg as per activity assay protocol and was equivalent to 0.8 nmol/min/mg as per radiometric assay



SDS PAGE analysis of ab131693

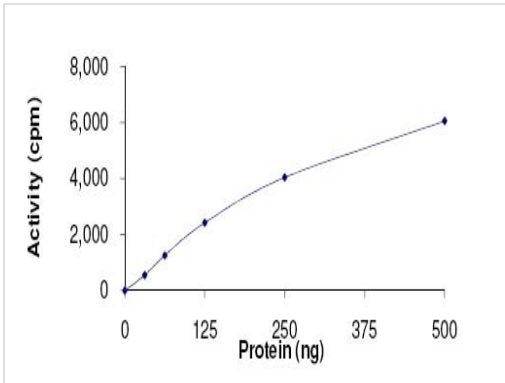
SDS-PAGE - Recombinant human FASTK protein (ab131693)

SDS PAGE analysis of ab131693



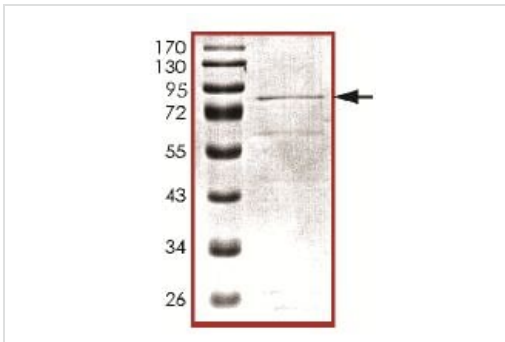
SDS-PAGE - Recombinant human FASTK protein (ab131693)

The specific activity of ab131693 was determined to be 1.0 nmol/min/mg.



Functional Studies - Recombinant human FASTK protein (ab131693)

The purity of ab131693 was determined to be >70% by densitometry.



SDS-PAGE - Recombinant human FASTK protein (ab131693)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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