

Datasheet for ABIN7561560
FASTK Protein (AA 1-511) (His tag)



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Overview

Quantity:	1 mg
Target:	FASTK
Protein Characteristics:	AA 1-511
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FASTK protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant Fastk Protein expressed in mammalian cells.
Sequence:	<p>MLRILLSAQT SPARLSGLLL IPPVQPCCLG PSKSGDRPFG GGPVQGLQRL LEQARSPGEL LRWLSQNPTK VRAHHYPVAL RRLGQLLVSQ PRPSPVEQAT LQDLSQLIIR NCPSFDVHTI HVCLHLAVLL GFPSDGPLL C ALEQERRSRL PPKPPSPHRP AIYGGQRLEV ALSCPRFLQY PRQHLIRSLA EARPEELTPH VMVLLAQHLA RHRLREPQLL EAIHFLVVQ EAQLNSKVQ KLVLPFGRLN YMPLEQQFMP CLERILAREA GVAPLATVNI LMSLCQLQCL PFRALQFVFS PSFINHNGT PPSLIVRRYL SLLDTAVELE LPGYQGPRLP QRQRPVIFPQ PLITDRARCK YSHKDMVAEG LRQLLGEENY RQNLTVPPGY CTDFLLCVSS SGAVLPMRTQ DPFLPYPPRS CQQDQANFNS TTQDPAQRVV LMLRERWHFC RDGRVLLGSR ALRERHLGLM GYQLLPLPFE ELESQRGLPQ LKSYLRQKLQ ALGFRWGPEG G Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please</p>

Product Details

contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

FASTK

Alternative Name:

Fastk ([FASTK Products](#))

Background:

Fas-activated serine/threonine kinase (FAST kinase) (EC 2.7.11.1) (EC 2.7.11.8),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 (By similarity). Required for the biogenesis of some mitochondrial-encoded mRNAs, specifically stabilizes ND6 (NADH dehydrogenase complex subunit 6) mRNA, and regulates its levels.
{ECO:0000250|UniProtKB:Q14296, ECO:0000269|PubMed:25704814}.

Molecular Weight:

57.7 kDa

UniProt:

[Q9JIX9](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months