

Datasheet for ABIN7549397

## MKKS Protein (AA 1-570) (His tag)



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### Overview

Quantity:	1 mg
Target:	MKKS
Protein Characteristics:	AA 1-570
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MKKS protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat MKKS Protein expressed in mammalian cells.
Sequence:	<p>MSRLEAKKPS LCKSEPLTTE RVRTTSLVLK RIVTSCYGPS GRLKQLHNGF GGYVCTTSQS</p> <p>SALLSHLLVT HPILKILTAS IQNHVSSFSD CGLFTAILCC NLIENVQRLG LTPTTVIRLN KHLLSLCISY</p> <p>LKSETCGCRI PVDFSSTQIL LCLVRSILTS KPACMLTRKE TEHVSALILR AFLLTIPENA EGHILGKSL</p> <p>IVPLKGQRVI DSTVLPGLI EMSEVQLMRL LPIKKSTALK VALFCTTSLG DTSDTGEGTV</p> <p>VVSYGVSLN AVLDQLNLG RQLSDHVDL VLCQKVIHPS LKQFLNMHRI IADRIGVTL</p> <p>MEPLTKMTGT QPIGSLGSIC PNSYGSVKDV CTAKFGSKHF FHLIPNEATI CSLLLCNRND</p> <p>TAWDEKLTC QTALHVLQLT LKEPWALLGG GCTETHLAAY IRHKTHNDPE SILKDDECTQ</p> <p>TELQLIAEAF CSALESVVGSL LEHDGGEILT DMKYGHLWSV QADSPCVANW PDLLSQCGCG</p> <p>LYNSQEELNW SFLRSTRPFP VPQSCLPHEA VGSASNLTD CLTAKLSGLQ VAVETANLIL</p> <p>DLSYVIEDKN <b>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</b></p>

**necessary. In case you have a special request, please 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:

MKKS

### Alternative Name:

MKKS ([MKKS Products](#))

### Background:

Molecular chaperone MKKS (Bardet-Biedl syndrome 6 protein) (McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin),FUNCTION: Probable molecular chaperone that assists the folding of proteins upon ATP hydrolysis (PubMed:20080638). Plays a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PubMed:20080638). May play a role in protein processing in limb, cardiac and reproductive system development. May play a role in cytokinesis (PubMed:28753627). {ECO:0000269|PubMed:20080638, ECO:0000269|PubMed:28753627}.

### Molecular Weight:

62.3 kDa

### UniProt:

[Q9NPJ1](#)

### Pathways:

[Sensory Perception of Sound](#)

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## 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