

Datasheet for ABIN7549253  
**MATK Protein (AA 1-507) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MATK
Protein Characteristics:	AA 1-507
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MATK protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant MATK Protein expressed in mammalian cells.
Sequence:	MAGRGLVSW RAFHGCDSE ELPRVSPRFL RAWHPPVSA RMPTRRWAPG TQCITKCEHT RPKPGELAFR KGDVVTILEA CENKSWYRVK HHTSGQEGLL AAGALREREA LSADPKLSLM PWFHGKISGQ EAVQQLQPPE DGLFLVRESA RHPGDYVLCV SFGRDVIHYR VLHRDGHITI DEAVFFCNLM DMVEHYSKDK GAICTLVRP KRKHGKSAE EELARAGWLL NLQHLLTGAQ IGEGEFGAVL QGEYLGQKVA VKNIKCDVTA QAFLDETAVM TKMQHENLVR LLGVILHQGL YIVMEHVSKG NLVNFLRTRG RALVNTAQLL QFSLHVAEGM EYLESKLVH RDLAARNILV SEDLVAKVSD FGLAKAERKG LDSSRLPVKW TAPEALKHGK FTSKSDVWSF GVLLWEVFSY GRAPYPKMSL KEVSEAVEKG YRMEPPEGCP GPVHVLMSSE WEAEPARRPP FRKLAEKLAR ELRSAGAPAS VSGQDADGST SPRSQEP <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 necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

MATK

### Alternative Name:

MATK ([MATK Products](#))

### Background:

Megakaryocyte-associated tyrosine-protein kinase (EC 2.7.10.2) (CSK homologous kinase) (CHK) (Hematopoietic consensus tyrosine-lacking kinase) (Protein kinase HYL) (Tyrosine-protein kinase CTK),FUNCTION: Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory role in the control of T-cell proliferation. {ECO:0000269|PubMed:9171348}.

### Molecular Weight:

56.5 kDa

### UniProt:

[P42679](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. 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

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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