

Datasheet for ABIN7563232
MATK Protein (AA 1-505) (His tag)



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Overview

Quantity:	1 mg
Target:	MATK
Protein Characteristics:	AA 1-505
Origin:	Mouse
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:	MARRSSRVSW LAFEGWESRD LPRVSPRLFG AWHPPAPAAAR MPTRWAPGTQ CMTKCENSRP KPGELAFRKG DMVTILEACE DKSWYRAKHH GSGQEGLLAA AALRHGEALS TDPKLSLMPW FHGKISGQEA IQQLQPPEDG LFLVRESARH PGDYVLCVSF GRDVIHYRVL HRDGHLTIDE AVCFCNLMDM VEHYTKDKGA ICTKLVKPRR KQGAKSAAAA LAKAGWLLDL QHLLTGAQIG EGEFGAVLQG EYLGQKVAVK NIKCDVTAQA FLDETAVMTK LQHRNLVRLG GVILHHGLYI VMEHVS KGNL VNFLRTRGRA LVSTSQLLQF ALHVAEGMEY LESKLVHRD LAARNILVSE DLVAKVSDFG LAKAERKGLD SSRLPVKQTA PEALKNRFS SKSDVWSFGV LLWEVFSYGR APYPKMSLKE VSEAVEKGYR MEPPDGCPS VHTLMGSCWE AEPARRPPFR KIVEKLGREL RSVGSAPAG GQEAEGSAPT RSQDP 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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

Target:

MATK

Alternative Name:

Matk ([MATK Products](#))

Background:

Megakaryocyte-associated tyrosine-protein kinase (EC 2.7.10.2) (Protein kinase NTK) (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.

Molecular Weight:

56.1 kDa

UniProt:

[P41242](#)

Application Details

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.

Application Details

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