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Datasheet for ABIN7549532

**MTCH1 Protein (AA 1-389) (His tag)**

## Overview

Quantity:	1 mg
Target:	MTCH1
Protein Characteristics:	AA 1-389
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTCH1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant MTCH1 Protein expressed in mammalian cells.
Sequence:	MGASDPEVAP WARGGAAGMA GAGAGAGARG GAAAGVEARA RDPPPAHRAH PRHPRPAAQP SARRMDGGSG GLGSGDNAPT TEALFVALGA GVTALSHPLL YVKLLIQVGH EPMPPTLGTN VLGRKVLVLP SFFTYAKYIV QVDGKIGLFR GLSPRLMSNA LSTVTRGSMK KVFPPEIEQ VSNKDDMKTS LKKVVKETSY EMMMQCVSRM LAHPLHVISM RCMVQFVGRE AKYSGVLSSI GKIFKEEGLL GFFVGLIPHL LGDVVFLWGC NLLAHFINAY LVDDSVSDTP GGLGNDQNPG SQFSQALAIR SYTKFVMGIA VSMLTYPFLV VGDLMVAVNNC GLQAGLPPYS PVFKSWIHCW KYLSVQGQLF RGSSLLFRRV SSGSCFALE <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 isoform, please contact us regarding an individual offer.

## Product Details

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

MTCH1

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### Alternative Name:

MTCH1 ([MTCH1 Products](#))

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### Background:

Mitochondrial carrier homolog 1 (Presenilin-associated protein),FUNCTION: Protein insertase that mediates insertion of transmembrane proteins into the mitochondrial outer membrane (PubMed:36264797). Catalyzes insertion of proteins with alpha-helical transmembrane regions, such as signal-anchored, tail-anchored and multi-pass membrane proteins (By similarity). Does not mediate insertion of beta-barrel transmembrane proteins (By similarity). May play a role in apoptosis (PubMed:12377771). {ECO:0000250|UniProtKB:Q9Y6C9, ECO:0000269|PubMed:12377771, ECO:0000269|PubMed:36264797}.

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### Molecular Weight:

41.5 kDa

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### UniProt:

[Q9NZJ7](#)

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### Pathways:

[Positive Regulation of Endopeptidase Activity](#), [SARS-CoV-2 Protein Interactome](#)

## 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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