

Datasheet for ABIN7549560

## MSTO1 Protein (AA 1-570) (His tag)



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### Overview

Quantity:	1 mg
Target:	MSTO1
Protein Characteristics:	AA 1-570
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MSTO1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant MSTO1 Protein expressed in mammalian cells.
Sequence:	<p>MAGGAREVLT LQLGHFAGFV GAHWWNQQA ALGRATDSKE PPGELCPDVL YRTGRTLHGQ  ETYTPLILM DLKGSLSLK EEGLYRDKQ LDAAIWQ GK LTTHKEELYP KNPYLQDFLS  AEGVLSSDGV WRVKSIPNGK GSSPLPTATT PKPLIPTEAS IRVWSDFLRV HLHPRSICMI  QKYNHDGEAG RLEAFQGQES VLKEPKYQEE LEDRLHFYVE ECDYLQGFQI LCDLHDGFSG  VGAKAAELLQ DEYSGRGIIT WGLLPGPYHR GEAQRNIYRL LNTAFGLVHL TAHSSLVCPL  SLGGSGLLRP EPPVSFPYLH YDATLPFHCS AILATALDTV TVPYRLCSSP VSMVHLADML  SFCGKKVTA GAIIPFPLAP GQSLPDSLMQ FGGATPWTPPL SACGEPSTGR CFAQSVVLRG  IDRACHTSQL TPGTPPPSAL HACTTGEEIL AQYLQQQPG VMSSSHLLLT PCRVAPPYPH  LFSSCSPPGM VLDGSPKGAA VESIPVFGAL CSSSSLHQLT EALARDLTKL DLRRWASFMD  AGVEHDDVAE LLQELQSLAQ CYQGGDSLVD</p> <p><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</b></p>

## Product Details

### contact us.

**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.

**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:** MSTO1

**Alternative Name:** MSTO1 ([MSTO1 Products](#))

**Background:** Protein misato homolog 1,FUNCTION: Involved in the regulation of mitochondrial distribution and morphology (PubMed:17349998, PubMed:28554942, PubMed:28544275). Required for mitochondrial fusion and mitochondrial network formation (PubMed:28554942, PubMed:28544275). {ECO:0000269|PubMed:17349998, ECO:0000269|PubMed:28544275, ECO:0000269|PubMed:28554942}.

**Molecular Weight:** 61.8 kDa

**UniProt:** [Q9BUK6](#)

## 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.
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