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Datasheet for ABIN7558303  
**FAM48A/P38IP Protein (AA 1-530) (His tag)**

## Overview

Quantity:	1 mg
Target:	FAM48A/P38IP (SUPT20H)
Protein Characteristics:	AA 1-530
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM48A/P38IP protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Supt20h Protein expressed in mammalian cells.
Sequence:	<p>MQQAVEQALD CAEYIVESAQ QRPPKRKYLS SGRKSIFQKL YDLYVEECEK EPEVKKLRRN VNLEKLVNQ ETLSCLVNQL YPGNEGYSML LRGKNGSDSE TIRLPYEEGE LLEYLDAEEL PPILVDLLEK SQVNIFHCGC VIAEIRDYRQ SSNMKSPGYQ SRHILLRPTM QTLVCDVHSI TSDNHKWTQE DKLLLESQLI LATAEPLCLD PSVAVACTAN RLLYNRQKMN TRPMKRCWKR YSRSSLNRQQ DLSHGPPPPQ LRLLDLFLQKR KERKAGQHYD LKISKAGNCV DMWKRSPCNL AVPSEVDVEK YAKVEESIKS DDSQPTMWPA HDVKDDYVFE CEGGNQYQKT KLTLQSLGD PLYYGKIQPW KADEENDSQM SPSHSSADDH SNWFVIGSKT DAERVVNQYQ ELVQNEAKCP VKMSHSSSGS AALSPGEEAE QAETSSIQSS VLGKGVKHRP PPIKLPSGSG NSSSGNYFTA QQASSFLKSP TPPPSCKPSL SRKSSVDLSQ VSMLSPAALS PASSQRHES <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></p>

## Product Details

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**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.

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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

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## Target Details

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**Target:** FAM48A/P38IP (SUPT20H)

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**Alternative Name:** Supt20h ([SUPT20H Products](#))

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**Background:** Transcription factor SPT20 homolog (p38-interacting protein) (p38IP),FUNCTION: Required for MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) activation during gastrulation. Required for down-regulation of E-cadherin during gastrulation by regulating E-cadherin protein level downstream from NCK-interacting kinase (NIK) and independently of the regulation of transcription by FGF signaling and Snail. Required for starvation-induced ATG9A trafficking during autophagy. {ECO:0000269|PubMed:16751104}.

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**Molecular Weight:** 59.5 kDa

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**UniProt:** [Q7TT00](#)

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## 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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