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Datasheet for ABIN7559487

SCMH1 Protein (AA 1-706) (His tag)

Overview

Quantity:	1 mg
Target:	SCMH1
Protein Characteristics:	AA 1-706
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCMH1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Scmh1 Protein expressed in mammalian cells.
Sequence:	MLVCYSVLAC ESLWDLPCSI MGSPLGHFTW DKYLKETCSV PAPVHC FKQS YTPPSNEFKI SMKLEAQDPR NTTSTCIATV VGLTGARLRL RLDGSDNKND FWRLVDSSEI QPIGNCEKNG GMLQPPLGFR LNASSWPMFL LKTLNGAEMA PIKIFHKEPP SPSHNFFKMG MKLEAVDRKN PHFICPATIG EVRGAEVLVT FDGWRGAFDY WCRFDSRDIF PVGWCSLTGD NLQPPGTKVV IPKNPSPSSD VSTEKPSIHS TKTVLEHQPG QRGRKPGKKR GRTPKILIPH PTSTPSKSAE PLKFKKRGK KPGSKRKPR TLLSPPPTSPT TSTPEPDTST VPQDAATVPS SAMQAPTVC I YLNKSGSTGP HLDK KKIQL PDHFGPARAS VVLQQA VQAC IDCAYHQKTV FSFLKQGHGG EVISAVFDRE QHTLNLP AVN SITYVLR FLE KLCHNL RSDN LFGNQPF TQT HSLTATEYN HNH DRYLPGE TFVLGN SLAR SLETHSD LMD SALKPANLVS TSQNLRTPGY RPLLPSCGLP LSTVSAVRR L CSKGV LKGGK ERRDVESFWK LNHSPGSDRH LESRDPPRLS GRDPSSWTVE DVMQFVREAD PQLGSHADLF RKHEIDGKAL LLLRSDMMMK YMGLKLG PAL KLSFHIDRLK QVFWKRETI L WSREGLSREV WPISED TALG HFFSGMDKVF GSLSKR Sequence without tag. The

Product Details

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 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: SCMH1

Alternative Name: Scmh1 ([SCMH1 Products](#))

Background: Polycomb protein SCMH1 (Sex comb on midleg homolog 1),FUNCTION: Associates with Polycomb group (PcG) multiprotein complexes, the complex class is required to maintain the transcriptionally repressive state of some genes. {ECO:0000250}.

Molecular Weight: 78.7 kDa

UniProt: [Q8K214](#)

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
