

Datasheet for ABIN7555576
SFMBT1 Protein (AA 1-866) (His tag)



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Overview

Quantity:	1 mg
Target:	SFMBT1
Protein Characteristics:	AA 1-866
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SFMBT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SFMBT1 Protein expressed in mammalian cells.
Sequence:	MNGEQQLDAD AGSGMEEVEL SWEDYLEETG STAVPYGSFK HVDTRLQNGF APGMKLEVAV RTDPETYWVA TVITTCEQLL LLRYDGYGED RRADFWCDIR KADLYPIGWC EQNKKTLEAP EGIRDKVSDW DEFLRQTLIG ACSPPVPLLE GLRNGRNPLD LIAPGSRLEC QAFQDSLSTW IVTVVENIGG RLKLRYEGL E SSDNYEHWLY YLDPFLHHVG WAAQQGYELQ PPSAIRHLKN EAEWQEILAK VKEEEEEPLP SYLFKDKQVI GIHTFSVNMK LEAVDPWSPF GISPATVVKV FDEKYFLVEM DDLRPENHAR RSFVCHADSP GIFPVQWSLK NGLHISPPPG YPSQDFDWAD YLKQCGAEAA PQRCPFPLIS EHEFKENMKL EAVNPILPEE VCVATITAVR GSYLWLQLEG SKKPIPECIV SVESMDIFPL GWCETNGHPL STPRRARVYK QRKIAVVQPE KQVPSSRTVH EGLRNQELNS TESVMINGKY CCPKIYFNHR CFSGPYLNKG RIAELPQCVG PGNCVLLVRE VLTLLINAAY KPSRVLRELQ LDKDSVWHGC GEVLKAKYKG KSYRATVEIV KTADRVTEFC RQTCIKLECC PNLFGPRMVL DKCSENCVSVL TKTKYTHYYG KKKNKRIGRP PGGHSNLACA LKKASKRRKR RKNVHVHKKK RSSASVDNTP AGSPQGGSGE DEDDPDEGDD DSLSEGSTSE

Product Details

QQDELQEESE MSEKKSCSSS PTQSEISTSL PPDRQRRKRE LRTFSFSDDE NKPPSPKEIR
IEVAERLHLD SNPLKWSVAD VVRFIRSTDC APLARIFLDQ EIDGQALLLL TLPTVQECMD
LKLGPAILKC HHIERIKFAF YEQFAN **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 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: SFMBT1

Alternative Name: SFMBT1 ([SFMBT1 Products](#))

Background: Scm-like with four MBT domains protein 1 (hSFMBT) (Renal ubiquitous protein 1),FUNCTION: Histone-binding protein, which is part of various corepressor complexes. Mediates the recruitment of corepressor complexes to target genes, followed by chromatin compaction and repression of transcription. Plays a role during myogenesis: required for the maintenance of undifferentiated states of myogenic progenitor cells via interaction with MYOD1. Interaction with MYOD1 leads to the recruitment of associated corepressors and silencing of MYOD1

Target Details

target genes. Part of the SLC complex in germ cells, where it may play a role during spermatogenesis. {ECO:0000269|PubMed:17599839, ECO:0000269|PubMed:23349461, ECO:0000269|PubMed:23592795}.

Molecular Weight: 98.1 kDa

UniProt: [Q9UHH3](#)

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