

Datasheet for ABIN7555410
SALL4 Protein (AA 1-1053) (His tag)



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Overview

Quantity:	1 mg
Target:	SALL4
Protein Characteristics:	AA 1-1053
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SALL4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SALL4 Protein expressed in mammalian cells.
Sequence:	MSRRKQAKPQ HINSEEDQGE QQPQQQTPEF ADAAPAAPAA GELGAPVNHP GNDEVASEDE ATVKRLRREE THVCEKCCAE FFSISEFLEH KKNCTKNPPV LIMNDSEGPV PSEDFSGAVL SHQPTSPGSK DCHRENGGSS EDMKEKPAE SVVYLKTETA LPPTPQDISY LAKGKVANTN VTLQALRGTK VAVNQRSADA LPAPVPGANS IPWVLEQILC LQQQQLQQIQ LTEQIRIQVN MWASHALHSS GAGADTLKTL GSHMSQQVSA AVALLSQKAG SQGLSLDALK QAKLPHANIP SATSSLSPGL APFTLKPDTG RVLPNVMSRL PSALLPQAPG SVLFQSPFST VALDTSKKGK GKPPNISAVD VKPKDEAALY KHKCKYCSKV FGTDSSLQIH LRSHTGERPF VCSVCGHRFT TKGNLKVHFH RHPQVKANPQ LFAEFQDKVA AGNGIPYALS VPDPIDEPSL SLDSKPVLVT TSVGLPQNLS SGTNPKDLTG GSLPGDLQPG PSPSEGGPT LPGVGNPNYS PRAGGFQSGS TPEPGSETLK LQQLVENIDK ATTDPNELI CHRVLSCQSS LKMHYRTHTG ERPFQCKICG RAFSTKGNLK THLGVHRTNT SIKTQHSCPI CQKKFTNAVM LQQHIRMHMG GQIPNTPLPE NPCDFTGSEP MTVGENGSTG AICHDDVIES IDVEEVSSQE APSSSSKVPT PLPSIHSASP

Product Details

TLGFAMMASL DAPGKVGPPAP FNLQRQGSRE NGSVESDGLT NDSSSLMGDQ EYQSRSPDIL
ETTSFQALSP ANSQAESIKS KSPDAGSKAE SSENSRTEME GRSSLPSTFI RAPPTYVKVE
VPGTFVGPST LSPGMTPLLA AQPRRQAKQH GCTRCGKNFS SASALQIHER THTGEKPFVC
NICGRAFTTK GNLKVHYMTH GANNNSARRG RKLAIENTMA LLGTDGKRVS EIFPKEILAP
SVNVDPVWVN QYTSMLNGGL AVKTNEISVI QSGGVPTLPV SLGATSVVNN ATVSKMDGSQ
SGISADVEKP SATDGVPKHQ FPHFLEENKI AVS **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: SALL4

Alternative Name: SALL4 ([SALL4 Products](#))

Background: Sal-like protein 4 (Zinc finger protein 797) (Zinc finger protein SALL4),FUNCTION: Transcription factor with a key role in the maintenance and self-renewal of embryonic and hematopoietic

Target Details

stem cells. {ECO:0000269|PubMed:23012367}.

Molecular Weight: 112.2 kDa

UniProt: [Q9UJQ4](#)

Pathways: [Stem Cell Maintenance, Tube Formation](#)

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