

Datasheet for ABIN7564452  
**SALL4 Protein (AA 1-1067) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SALL4
Protein Characteristics:	AA 1-1067
Origin:	Mouse
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:	<p>MSRRKQAKPQ HINWEEGQGE QPQQLPSPDL AEALAAEEPG APVNSPGNCD EASEDSIPVK  RPRREDTHIC NKCCAEFFSL SEFMEHKKSC TKTPPVLIMN DSEGPVPSSED FSRAALSHQL  GSPSNKDSLQ ENGSSSGDLK KLGTDLSILYL KTEATQPSTP QDISYLPKGG VANTNVTLQA  LRGTKVAVNQ RGAEAPMAPM PAAQGIPWVL EQILCLQQQQ LQQIQLTEQI RVQVNMWAAH  ALHSGVAGAD TLKALSSHVS QQVSVSQQVS AAVALLSQKA SNPALSLDAL KQAKLPHASV  PSAASPLSSG LTSFTLKPDP TRVLPNFVSR LPSALLPQTP GSVLLQSPFS AVTLDQSKKG  KGKPNLSAS ASVLDVKAKD EVVLGKHKCR YCPKVFGTDS SLQIHLRSHT GERPYVCPIC  GHRFTTKGNL KVHLQRHPEV KANPQLLAEF QDKGAVSAAS HYALPVPVPA DESSLVDAE  PVPVTGTPSL GLPQKLTSGP NSRDLMGGSL PNDMQPGPSP ESEAGLPLLG VGMIHNPPKA  GGFQGTGAPE SGSETLKLQ LVENIDKATT DPNECLICHR VLSCQSSLKM HYRTHTGERP  FQCKICGRAF STKGNLKTHL GVHRTNTTVK TQHSCPICQK KFTNAVMLQQ HIRMHMGGQI  PNTPLPESPC DFTAPEPVAV SENGSASGVC QDDAAEGMEA EEVCSQDVPS GPSTVSLPVP</p>

## Product Details

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SAHLASPSLG FSVLASLDTQ GKGALPALAL QRQSSRENSL LEGGDTGPAN DSSLLVGDQE  
CQSRSPDATE TMCYQAVSPA NSQAGSVKSR SPEGHKAEGV ESCRVDTEGR TSLPPTFIRA  
QPTFVKVEVP GTFVGPSPMP SGMPPLLASQ PQPRRQAKQH CCTRCGKNFS SASALQIHER  
THTGEKPFVC NICGRAFTTK GNLKVHYMTH GANNNSARRG RKLAIENPMA ALSAEGKRAP  
EVFSKELLSP AVSVPASWN QYTSVLNGL AMKTNEISVI QSGGIPTLPV SLGASSVSN  
GTISKLDGSQ TGVSMPSGN GEKLAVPDGM AKHQFPHFLE ENKIAVS **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.**

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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

## Target Details

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Target: SALL4

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Alternative Name: Sall4 ([SALL4 Products](#))

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Background: Sal-like protein 4 (Zinc finger protein SALL4),FUNCTION: Transcription factor with a key role in the maintenance and self-renewal of embryonic and hematopoietic stem cells. {ECO:0000250}.

## Target Details

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Molecular Weight: 113.1 kDa

UniProt: [Q8BX22](#)

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

## 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.

Restrictions: For Research Use only

## Handling

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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