

Datasheet for ABIN3135536

## SALL3 Protein (AA 1-1320) (Strep Tag)



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### Overview

Quantity:	250 µg
Target:	SALL3
Protein Characteristics:	AA 1-1320
Origin:	Mouse
Source:	Cell-free protein synthesis (CFPS)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SALL3 protein is labelled with Strep Tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Brand:	AliCE®
Sequence:	<p>MSRRKQAKPQ HLKSDEELPP QDGASEHGVP GDGAEDADSG SESRSGSEET SVCEKCCAEF</p> <p>FKWADFLQHK KTCTKNPLVL IVHDDEPAPP SEDFPEPSPA SSPSDRTESE VAEVAPTEG</p> <p>SEVKAATKEA EPMDVEVSTD KGPPGPSVPP PPPALPPQPE PAAFSMPSTN VTLETLLSTK</p> <p>VAVAQFSQGA RAGGTTGAGG SVGAVAIPMI LEQLVALQQQ QIHQLQLIEQ IRSQVALMSR</p> <p>QPGPPLKPSA SAPGTASVQL QGLTPHAALQ LSAGPATASA GSGSTLPAAF DGPQHLSQPA</p> <p>SGTSTPCSTS AAPPDGSAHP ACSTGPAPGA VAAASSTVGN AVQPQNASTP PALGPGPLLS</p> <p>SASNLPNPLL PQTSSSSVIF PNPLVSIAAT ANALDPLSAL MKHRKGKPPN VSVFEPKASA</p> <p>EDPFFKHKCR FCAKVFGSDS ALQIHLRSHT GERPFKCNIC GNRFSTKGNL KVHFQRHKEK</p> <p>YPHIQMNPYP VPEYLDNVPT CSGIPYGMSL PPEKPVTTWL DSKPVLPTVP TSVGLQLPPT</p> <p>VPGTHNYTDS PSITPVSRSP QRSPASSEC TSLSPGLNNT ESGITVRPES PQPLLGGPSL</p> <p>TKAEPVSLPC TSTRTGDAVP VGGQVSGLP SAATAVTD SA CTLGSPGLP AVSDQFKAQF</p>

PFGGLDSMQ TSETSKLQQL VENIDKKMTD PNQCVICHRV LSCQSALKMH YRTHTGERPF  
KCKICGRAFT TKGNLKTHFG VHRAPPLRV QHSCPICQKK FTNAVVLQQH IRMHMGGQIP  
NTPLPEGLQE AMDADLPFDE KNAETLSSFD DDIDENSMEE DSELKDTASD SSKPLLSYSG  
SCPPSPPSVI SSIAALENQM KMIDSVMNCQ QLANLKSVEN GSGESDRLSN DSSSAVGDL  
SRSAGSPALS ESSSSQALSP AHSNGESFRS KSPGLGHQED PQEIPLKTER LDSPPPGPGN  
GGALDLTAGH PGRPLIKEEA PFSLLFLSRE RGKCASTVCG VCGKPFACKS ALEIHYRSHT  
KERRFVCTVC RRGCSMTGNL KQHLLTHKLK ELPSQVFDPN FTLGPSHSTP SLASSPAPTM  
IKMEVNGHSK AIALGEGPAL PAGVQVPTGP QTMSPGLAP MLAPPPRRTP KQHNCQSCGK  
TFSSASALQI HERTHTGEKP FGCTICGRAF TTKGNLKVHM GTHMWNNAPA RRGRRLSVEN  
PMALLGGDAL KFSEMFQKDL AARAMNVDPS FWNQYAAAIT NGLAMKNNEI SVIQNGGIPQ  
LPVSLGGGAI PPLGAMASGV DKARTGSSPP IVSLDKASSE TGASRPFARF IEDNKEIGIN

**Sequence without tag. The proposed Strep-Tag is based on experience s 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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### Characteristics:

#### Key Benefits:

- Made in Germany - from design to production - by highly experienced protein experts.
- Protein expressed with ALiCE® and purified in one-step affinity chromatography
- These proteins are normally active (enzymatically functional) as our customers have reported (not tested by us and not guaranteed).
- 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.

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.

#### Expression System:

- ALiCE®, our Almost Living Cell-Free Expression System is based on a lysate obtained from *Nicotiana tabacum* c.v.. This contains all the protein expression machinery needed to produce even the most difficult-to-express proteins, including those that require post-translational modifications.
- During lysate production, the cell wall and other cellular components that are not required for protein production are removed, leaving only the protein production machinery and the mitochondria to drive the reaction. During our lysate completion steps, the additional components needed for protein production (amino acids, cofactors, etc.) are added to produce something that functions like a cell, but without the constraints of a living system -

## Product Details

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all that's needed is the DNA that codes for the desired protein!

Concentration:

- The concentration of our recombinant proteins is measured using the absorbance at 280nm.
- The protein's absorbance will be measured against its specific reference buffer.
- We use the Expasy's ProtParam tool to determine the absorption coefficient of each protein.

Purification:	One-step Strep-tag purification of proteins expressed in Almost Living Cell-Free Expression System (ALiCE®).
Purity:	> 70-80 % as determined by SDS PAGE, Western Blot and analytical SEC (HPLC).
Grade:	custom-made

## Target Details

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Target:	SALL3
Alternative Name:	Sall3 ( <a href="#">SALL3 Products</a> )
Background:	Sal-like protein 3 (MSal) (Spalt-like protein 3),FUNCTION: Probable transcription factor.
Molecular Weight:	138.8 kDa
UniProt:	<a href="#">Q62255</a>

## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Comment:	<p>ALiCE®, our Almost Living Cell-Free Expression System is based on a lysate obtained from <i>Nicotiana tabacum</i> c.v.. This contains all the protein expression machinery needed to produce even the most difficult-to-express proteins, including those that require post-translational modifications.</p> <p>During lysate production, the cell wall and other cellular components that are not required for protein production are removed, leaving only the protein production machinery and the mitochondria to drive the reaction. During our lysate completion steps, the additional components needed for protein production (amino acids, cofactors, etc.) are added to produce something that functions like a cell, but without the constraints of a living system - all that's</p>

Application Details

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Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer. Standard Storage Buffer: PBS pH 7.4, 10 % Glycerol <b>Might differ depending on protein.</b>
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months