

Datasheet for ABIN3137361

## SRCIN1 Protein (AA 1-1250) (Strep Tag)



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### Overview

Quantity:	250 µg
Target:	SRCIN1
Protein Characteristics:	AA 1-1250
Origin:	Mouse
Source:	Cell-free protein synthesis (CFPS)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRCIN1 protein is labelled with Strep Tag.
Application:	ELISA, Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Brand:	AliCE®
Sequence:	<p>MQPWQCLRRF ALAWWERTAE GRARSPREEV GPRDPGGRGE PDPERSPPM LSADDAEYPR</p> <p>EYRTLGGGGG GGSGGRRFSN VGLVHTSERR HTVIAAQSL ALSGLQKADA DRKRDAFMDH</p> <p>LKSKYPQHAL ALRGQQDRMR EQVGGWTVDP VCLLSSLCSH LHGDSTPSGA GQPAQQPNYW</p> <p>SFKTRSSRHT QGAQPLADQ AAKLSYASAE SLETMSEAEL PLGFSRMNRF RQSLPLSRSA</p> <p>SQTKLRSPGV LFLQFGEETR RVHITHEVSS LDTLHALIAH MFPQKLTMG M LKSPNTAILI</p> <p>KDEARNVFYE LEDVRDIQDR SIIKIYRKEP LYAAFPGSHL TNGDLRRE MV YASRESSPTR</p> <p>RLNNLSPASH LASSPPPG L PSGLP SGLPS GSPSR S RLSY AGGRPPSYAG SPVHHAERL</p> <p>GGAPTGGQVS PPSAILERR DVKPEDLAG KAGGMVLVKG EGLYADPYGL LHEGRSLAA</p> <p>AAETHSHTRA RAACTSGVPC ALSAPTLP R CSPTWRTRCT RRALAALYGD GYGFR LPPSS</p> <p>PQKLADVSAP SGGPPPPHSP YSGPPSRGSP VRQSFRKDSG SSSVFAESPG GKARSTGSAS</p> <p>TAGAPPSELF PGPGERSLVG FGPPVPAKDT ETRERMEAME KQIASLTGLV QSALLRGSEP</p>

ETPSEKVEGS NGAATPSAPV CGSGSKSSGA TPVSGPPPPS ASSTPAGQPT AVSRLQMLH  
LRGLQNSASD LRGQLQQLRN VQLQNQESVR ALLKPTEADV SMRVSEAARR QEDPLQRQRT  
LVVEERLRYL NDEELITQQL NDLEKSVEKI QRDVAHNHRL MPGPELEEKA LVLKQLGETL  
TELKAHFPG L QSKMRVVL RV EVEAVKFLKE EPQRLDGLLK RCRGVTDTLA QIRRVQDEGM  
WPPPNLLNQ SPKKVAAETD FSKGLDFEIP PPSPLNLHE LSGPAEGTPL TPKSTNPTKC  
LDASSKRNTD KAVSVEAAER DWECKRAALT QYSAKDINRL LEETQAELLK AIPDLDCASK  
THPGPAPTPD HKPPKAPHGQ KAAPRTEPSG RRGSELTVP RYRTEKPSKS PPPPPRRSF  
PSSHGLTTTR TGEVVVTSKK DSVFIKKAES EELEVQKPQV KLRRVSEV RPASTPPIMA  
SAIKDEDEE RIIAELESGG SSVPPMKVVT PGASRLKAAQ GPAGSPDKGK HGKQRTEYMR  
IQAQQATKP SKEVSGPNET SSPGSEKPSG SRTSIPVLTS FGARNSSISF

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

## Product Details

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### 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®).
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Purity:	> 70-80 % as determined by SDS PAGE, Western Blot and analytical SEC (HPLC).
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Grade:	custom-made
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## Target Details

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Target:	SRCIN1
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Alternative Name:	Srcin1 ( <a href="#">SRCIN1 Products</a> )
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Background:	SRC kinase signaling inhibitor 1 (SNAP-25-interacting protein) (SNIP) (p130Cas-associated protein) (p140Cap),FUNCTION: Acts as a negative regulator of SRC by activating CSK which inhibits SRC activity and downstream signaling, leading to impaired cell spreading and migration. Regulates dendritic spine morphology. Involved in calcium-dependent exocytosis. May play a role in neurotransmitter release or synapse maintenance (By similarity). {ECO:0000250}.
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Molecular Weight:	134.9 kDa
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UniProt:	<a href="#">Q9QWI6</a>
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## 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.
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Comment:	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.  During lysate production, the cell wall and other cellular components that are not required for
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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