

Datasheet for ABIN7556778  
**STAC Protein (AA 1-403) (His tag)**



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## Overview

Quantity:	1 mg
Target:	STAC
Protein Characteristics:	AA 1-403
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAC protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Stac Protein expressed in mammalien cells.
Sequence:	MIPPSGARED SGDGLTGEAT GTEQPPSPAS TSSLESKLQK LKRSLSFKTK SLRSKSADNF FPRTNSDVKP QADLLAKASP GPSPIAIPGS PASMPTKAGL HPGSNSKLHA FQEHVFKKPT FCDVCNHMIV GTHAKHGLRC GACKMSIHHK CADGLAPQRC MGKLPKGFRR YYSSPLLIHE QFGCIKEVMP IACGNKVDPV YEALRFGTSL AQRTKKGGSG SGSDSPRPTS TSELVDVPEE ADGPGDGS DM TRSNSVFTY PENGMDDFRD QMKT TNHQGP LSKDPLQMNT YVALYRFIPQ ENEDLEMRPG DMITLLEDSN EDWWKGKIQD RVGFFPANFV QRVEEHEKIY RCVRTFIGCK DQGQITLKEN QICVTSEEEQ DGFIRVLSGK KRGLVPLDVL VDV <b>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.</b>
Characteristics:	Key Benefits:

## Product Details

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- 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, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	STAC
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Alternative Name:	Stac ( <a href="#">STAC Products</a> )
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Background:	SH3 and cysteine-rich domain-containing protein (Src homology 3 and cysteine-rich domain-containing protein),FUNCTION: Promotes expression of the ion channel CACNA1H at the cell membrane, and thereby contributes to the regulation of channel activity (PubMed:27149520). Plays a minor and redundant role in promoting the expression of calcium channel CACNA1S at the cell membrane, and thereby contributes to increased channel activity (PubMed:29467163). Slows the rate of calcium-mediated inactivation of CACNA1C calcium channel activity (PubMed:29363593). {ECO:0000269 PubMed:27149520, ECO:0000269 PubMed:29363593, ECO:0000269 PubMed:29467163}.
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Molecular Weight:	44.3 kDa
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UniProt:	<a href="#">P97306</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
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## Application Details

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as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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