

Datasheet for ABIN7556684  
**STRA8 Protein (AA 1-393) (His tag)**



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## Overview

Quantity:	1 mg
Target:	STRA8
Protein Characteristics:	AA 1-393
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STRA8 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Stra8 Protein expressed in mammalien cells.
Sequence:	<p>MATPGEGNQP SDDGAPQPLA QLQKLEPRVV RRRLSQARHR ATLVGLFNLL RKAVYSQSDI TASKWQVLNR TKIHIQEQUE SLDKLLKLKA SFNLQDGNPN SLEEVKEEYA RMYSENDSVF LNSFLQDSPP EWFPSEAVGP DAEDEEGEEG EEEGEEGEEE EEGDEEGEEE EENGEEREVE EYQEEEEEEE EEEKKVDLSH SSSTLLPDLM EFERYLNFYK QTMDLLTMNS IISAHEVTLP IVSAAISHLW QTLSEEKKAR LLQVWEQHS AFADLTEACL ELAGVEGSMK DSGVDSQGAS CSLESTPEEI LFEDAFDVAS FLDKSEAQHM SNISAMFATC NSENPEEKFQ LYIQIIEFFK SLGCVNTPLN QEPEPPDDDD AMLLKCLETF DDL <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></p>
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

## Target Details

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Target: STRA8

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Alternative Name: Stra8 ([STRA8 Products](#))

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Background: Stimulated by retinoic acid gene 8 protein,FUNCTION: Meiosis-inducer required for the transition into meiosis for both female and male germ cells (PubMed:16461896, PubMed:17115059, PubMed:18799751, PubMed:18799790, PubMed:19805549, PubMed:32054698, PubMed:32032549). In female germ cells, acts downstream of ZGLP1 as a key effector of the meiotic program: required for premeiotic DNA replication and subsequent events in meiotic prophase (PubMed:16461896, PubMed:17115059, PubMed:18799751, PubMed:18799790, PubMed:32054698). During spermatogenesis, next to its role in meiotic initiation, promotes (but is not required for) spermatogonial differentiation (PubMed:25902548). In complex with MEIOSIN, directly activates the transcription of a subset of critical meiotic genes playing a central role in cell-cycle switching from mitosis to meiosis (PubMed:19805549, PubMed:32032549). {ECO:0000269|PubMed:16461896, ECO:0000269|PubMed:17115059, ECO:0000269|PubMed:18799751, ECO:0000269|PubMed:18799790, ECO:0000269|PubMed:19805549, ECO:0000269|PubMed:25902548, ECO:0000269|PubMed:32032549, ECO:0000269|PubMed:32054698}.

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## Target Details

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Molecular Weight: 44.6 kDa

UniProt: [P70278](#)

## 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.

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