

Datasheet for ABIN7564767  
**SOCS7 Protein (AA 1-579) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SOCS7
Protein Characteristics:	AA 1-579
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOCS7 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Socs7 Protein expressed in mammalian cells.
Sequence:	MVFRNVGRPP EEEDAEAARE PGPSELLCPR HRCALDPKAL PPGLALERTW GPVAGLEAQL AALGLGQPAG PGIKTAGGGC CPCPCPPQPP PPQPPPPAAA PQAGEDPTET SDALLVLEGL ESEAESLETN SCSEELSSP GRGGGGVGG RLLQPPGPEL PPVPFPLQDL VPPGRLSRGE QQQQQPPPPP PPPGPLRPLA GPSRKGSFKI RLSRLFRTKS CNGGSGGGDG TGKRPSGDLA ASAASLTDMG GSAVRELDTG RKPRLTRTQS AFSPVSFSPL FTGETVSLVD VDISQRGLTS PHPPTPPPPP RRSLSLDDI SGTLP TSVLV APMGSSLQSF PLPPPPPHA PDAFPRIAPI RASESLHSQP PQHLQCPLYR PDSSSFAASL RELEKCGWYW GPMNWEDAEM KLGKPKDGSF LVRDSSDPY ILSLFRSQG ITHHTRMEHY RGTFS LWCHP KFEDRCQSVV EFIKRAIMHS KNGKFLYFLR SRVGPLPTP VQLLYPVS RF SNVKS LQHLC RFRIRQLVRI DHIPDLPLPK PLISYIRKFY YYDPQEEVYL SLKEAQLISK QKQEVPEST <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</b>

## Product Details

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### contact us.

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.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

## Target Details

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Target: SOCS7

Alternative Name: Socs7 ([SOCS7 Products](#))

Background: Suppressor of cytokine signaling 7 (SOCS-7),FUNCTION: Regulates signaling cascades probably through protein ubiquitination and/or sequestration. Functions in insulin signaling and glucose homeostasis through IRS1 ubiquitination and subsequent proteasomal degradation. Inhibits also prolactin, growth hormone and leptin signaling by preventing STAT3 and STAT5 activation, sequestering them in the cytoplasm and reducing their binding to DNA. May be a substrate recognition component of a SCF-like E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity). {ECO:0000250, ECO:0000269|PubMed:15494444, ECO:0000269|PubMed:16127460}.

Molecular Weight: 62.8 kDa

## Target Details

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UniProt: [Q8VHQ2](#)

## 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