

Datasheet for ABIN7546145  
**SOCS6 Protein (AA 1-535) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SOCS6
Protein Characteristics:	AA 1-535
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOCS6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat SOCS6 Protein expressed in mammalian cells.
Sequence:	<p>MKKISLKTLR KSFNLNKSKE ETDPMVVQQP SLASDFGKDD SLFGSCYGKD MASCDINGED  EKGKGNRSKS ESLMGTLRKRR LSAKQKSKGK AGTPSGSSAD EDTFSSSSAP IVFKDVRAQR  PIRSTSLRSH HYSPAPWPLR PTNSEETCIK MEVRVKALVH SSSPSPALNG VRKDFHDLQS  ETTCQEQANS LKSSASHNGD LHLHLDEHVP VVIGLMPQDY IQYTVPLDEG MYPLEGSRSY  CLDSSSPMEV SAVPPQVGGP AFPEDESQVD QDLVVAPEIF VDQSVNGLLI GTTGVMQLQSP  RAGHDDVPPL SPLLPPMQNN QIQRFNSGLT GTEAHVAESM RCHLNFDPNP APGVARVYDS  VQSSGPMVVT SLTEELKLA KQGWWYGPIT RWEAEGKLAN VPDGSFLVRD SSDDRYLLSL  SFRSHGKTLH TRIHSNGRF SFYEQPDVEG HTSIVDLIEH SIRDSENGA F CYRSRRLPGS  ATYPVRLTNP VSRFMQVRSL QYLCRFVIRQ YTRIDLIIQKL PLPNKMKDYL QEKHY <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</b></p>

## Product Details

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**have a special request, please contact us.**

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### 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.

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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:

SOCS6

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### Alternative Name:

SOCS6 ([SOCS6 Products](#))

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### Background:

Suppressor of cytokine signaling 6 (SOCS-6) (Cytokine-inducible SH2 protein 4) (CIS-4) (Suppressor of cytokine signaling 4) (SOCS-4),FUNCTION: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. May be a substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity). Regulates KIT degradation by ubiquitination of the tyrosine-phosphorylated receptor. {ECO:0000250, ECO:0000269|PubMed:21030588}.

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### Molecular Weight:

59.5 kDa

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### UniProt:

[O14544](#)

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### Pathways:

[JAK-STAT Signaling, Carbohydrate Homeostasis](#)

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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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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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