

Datasheet for ABIN7546144
SOCS4 Protein (AA 1-440) (His tag)



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Overview

Quantity:	1 mg
Target:	SOCS4
Protein Characteristics:	AA 1-440
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOCS4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SOCS4 Protein expressed in mammalian cells.
Sequence:	MAENNENISK NVDVRPKTSR SRSADRKDG YVWSGKKLSWS KKSESYSDAE TVNGIEKTEV SLRNQERKHS CSSIELDLDH SCGHRFLGRS LKQKLQDAVG QCFPIKNCSS RHSSGLPSKR KIHISELMLD KCPFPPRSDL AFRWHFIKRH TAPINSKSDE WVSTDLSTQTE LRDGQLKRRN MEENINCFSH TNVQPCVITT DNALCREGPM TGSVMNLVSN NSIEDSDMDS DDEILTLCTS SRKRKPKWD LDDEILQLET PPKYHTQIDY VHCLVPDLLQ INNNPCYWGV MDKYAAEALL EGKPEGTFLL RDSAQEDYLF SVSFRRYSRS LHARIEQWNH NFSFDAHDPC VFHSPDITGL LEHYKDPSAC MFFEPLLSTP LIRTFPFLSQ HICRTVICNC TTYDGIDALP IPSSMKLYLK EYHYKSKVRV LRIDAPEQQC 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.
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	SOCS4
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Alternative Name:	SOCS4 (SOCS4 Products)
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Background:	Suppressor of cytokine signaling 4 (SOCS-4) (Suppressor of cytokine signaling 7) (SOCS-7),FUNCTION: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. 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. Inhibits EGF signaling by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR. {ECO:0000269 PubMed:15590694, ECO:0000269 PubMed:17997974}.
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Molecular Weight:	50.6 kDa
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UniProt:	Q8WXH5
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Pathways:	JAK-STAT Signaling, EGFR Signaling Pathway
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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

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