

Datasheet for ABIN5713856

SOCS3 Protein (AA 1-225, full length) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	SOCS3
Protein Characteristics:	full length, AA 1-225
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOCS3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MVTHSKFPAA GMSRPLDTSL RLKTFSSKSE YQLVVNAVRK LQESGFYWSA VTGGEANLLL SAEPAGTFLI RDSSDQRHFF TLSVETQSGT KNLRIQCEGG SFSLQSDPRS TQPVPRFDCV LKLVHHYMP PPAPSFSLPP TEPSEVQEQ PPAQALPGGT PKRAYIYSG GEKIPLVLSR PLSSNVATLQ HLCRKTVNGH LDSYEKVTQL PGPIREFLDQ YDAPL
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	SOCS3
Alternative Name:	SOCS3 (SOCS3 Products)
Background:	SOCS family proteins form part of a classical negative feedback syst that regulates cytokine

Target Details

signal transduction. SOCS3 is involved in negative regulation of cytokines that signal through the JAK/STAT pathway. Inhibits cytokine signal transduction by binding to tyrosine kinase receptors including gp130, LIF, erythropoietin, insulin, IL12, GCSF and leptin receptors. Binding to JAK2 inhibits its kinase activity. Suppresses fetal liver erythropoiesis. Regulates onset and maintenance of allergic responses mediated by T-helper type 2 cells. Regulates IL-6 signaling in vivo. Probable 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. Ses to recognize IL6ST .

Molecular Weight: 26.81 kDa

UniProt: [O88583](#)

Pathways: [JAK-STAT Signaling](#), [Response to Growth Hormone Stimulus](#), [Hepatitis C](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

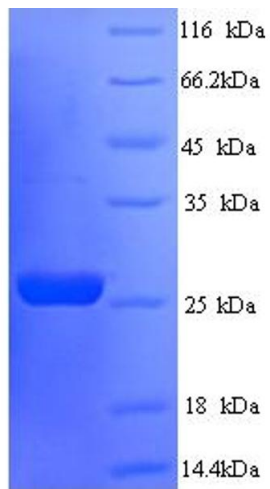
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C,4 °C,-20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.