

Recombinant Rat Socs3 protein, His-tagged

Cat. No. Socs3-1797R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Socs3 aa. (Met1~Leu225 (Accession # O88583)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Leu225
Description	Regulates cytokine levels to modulate inflammation.
Form	Freeze-dried powder
Molecular Mass	26 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Socs3 suppressor of cytokine signaling 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Socs3
Synonyms	Socs3; suppressor of cytokine signaling 3; Cish3; Ssi-3; Socs-3; suppressor of cytokine signaling 3; cytokine inducible SH2-containing protein 3; cytokine-inducible SH2 protein 3
Gene ID	89829
mRNA Refseq	NM_053565.1
Protein Refseq	NP_446017.1
UniProt ID	O88583

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