

Suppressor of cytokine signaling 3 Recombinant Protein | Socs3 recombinant protein

Recombinant Rat Suppressor of cytokine signaling 3

CATALOG #
AAA115473

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

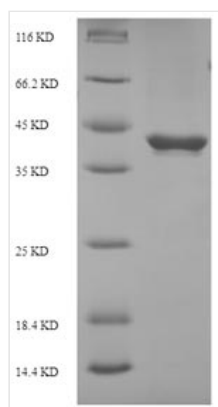
PRODUCT SYNONYMS

Suppressor of cytokine signaling 3; Recombinant Rat Suppressor of cytokine signaling 3; Cytokine-inducible SH2 protein 3; Socs3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-225. Full-length.
Sequence	MVTHSKFPAA GMSRPLDTSI RLKTFSSKSE YQLVVNAVVRK LQESGFYWSA VTGGEANLLL SAEPAGTFLI RDSSDQRHFF TSVETQSGT KNLRIQCEGG SFSLQSDPRS TQPVPRFDCV LKLVHHYMPP PGAPSFSLPP TEPSFEVQEQ PPAQALPGGT PKRAYIYSG GEKIPLVLSR PLSSNVATLQ HLCRKTVNGH LDSYEKVTQL PGPIREFLDQ YDAPL
Sequence Length	225
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Socs3 recombinant protein

SOCS family proteins form part of a classical negative feedback system that regulates cytokine 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.

References	Endotoxin-induced inhibition of growth hormone receptor signaling in rat liver in vivo.Mao Y., Ling P.R., Fitzgibbons T.P., McCowen K.C., Frick G.P., Bistran B.R., Smith R.J.Endocrinology 140:5505-5515(1999) le Cam A. Identification of the Y985 and Y1077 motifs as SOCS3 recruitment sites in the murine leptin receptor.Eyckerman S., Broekaert D., Verhee A., Vandekerckhove J., Tavernier J.FEBS Lett. 486:33-37(2000)
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758336
NCBI GeneID	89829
NCBI Accession #	NP_446017.1
NCBI GenBank Nucleotide #	NM_053565.1
UniProt Accession #	O88583; Q9QYV5
Molecular Weight	26.8 kDa
NCBI Official Full Name	suppressor of cytokine signaling 3
NCBI Official Synonym Full Names	suppressor of cytokine signaling 3
NCBI Official Symbol	Socs3
NCBI Official Synonym Symbols	Cish3; Ssi-3; Socs-3
NCBI Protein Information	suppressor of cytokine signaling 3
UniProt Protein Name	Suppressor of cytokine signaling 3
UniProt Gene Name	Socs3
UniProt Synonym Gene Names	Cish3; SOCS-3
UniProt Entry Name	SOCS3_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/socs3-recombinant-protein-e-coli/115473>