

STAT1 recombinant protein

Recombinant Human STAT1 Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263289	E Coli	Human	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

STAT1; Recombinant Human STAT1 Protein; Signal transducer and activator of transcription 1-alpha/beta; Transcription factor ISGF-3 components p91/p84; STAT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 uM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence	GSHMSQWYEL QQLDKFLQ VHQLYDDSPF MEIRQYLAQW LEKQDWEHAA NDVSFATIRF HDLLSQLDDQ YSRFSLNNF LLQHNIRKSK RNLQDNFQED PIQMSMIIYS CLKEERKILE NAQRFNQAQS GNIQSTVMLD KQKELDSKVR NVKDKVMCIE HEIKSLEDLQ DEYDFKCKTL QNREHETNGV AKSDQKQEQ LLLKKMYLMLD NKRKEVVKHI IELNVTELT QNALINDELV EWKRRQQSAC IGGPPNACLD QLQNWFTIVA ESLQQVRQQ LKKLEELEQKY TYEHPITKN KQVLWDRFSLFQQLIQSSF VVERQPCMP HPQRPLVLKT GVQFTVKLRL LVKLQELNYN LKVKVLFDKD VNERNTVKGF RKFNLGTHT KVMNMEESTN GSLAAEFRHL QLKEQKNAGT RTNEGPLIVT EELHSLSFET QLCQPGLVID LETTSLPVVV ISNVSQLPSG WASILWYNML VAEPRNLSFF LTPPCARWAQ LSEVLWQFS SVTKRGLNVD QLNMLGEKLL GPNASPDGLI PWTRFCKENI NDKNFPFWLW IESILELIKK HLLPLWNDGC IMGFISKERE RALLKDQQPG TFLRFSESS REGAITFTWV ERSQNGGEPD FHAVEPYTKK ELSAVTFPDI IRNYKVMAAE NIPENPLKYL YPNIDKDHAF GKYYSRPKEA PEPMELDGPK GTGYIKTELI SVSEV
Sequence Length	750
Applicable Applications for STAT1 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for STAT1 recombinant protein	Recombinant Human STAT1 Protein is produced by our E Coli expression system and the target gene encoding Met1-Val712 is expressed.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6274552
NCBI GeneID	6772
NCBI Accession #	NP_009330.1

NCBI GenBank Nucleotide #	NM_007315.3
UniProt Accession #	P42224; Q53S88; Q53XW4; Q68D00; Q9UDL5; A8K989; B2RCA0; D2KFR8; D3DPI7
NCBI Official Full Name	signal transducer and activator of transcription 1-alpha/beta isoform alpha
NCBI Official Synonym Full Names	signal transducer and activator of transcription 1
NCBI Official Symbol	STAT1
NCBI Official Synonym Symbols	CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91
NCBI Protein Information	signal transducer and activator of transcription 1-alpha/beta
UniProt Protein Name	Signal transducer and activator of transcription 1-alpha/beta
UniProt Gene Name	STAT1
UniProt Entry Name	STAT1_HUMAN

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://stage.aaabiotech.com/stat1-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263289>