

Recombinant Human STAT3 protein, His-tagged

Cat. No. STAT3-184M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT3 protein(P42227)(600aa), fused with His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	600aa
Molecular Mass	68.5kDa
AA Sequence	MHHHHHHGQA NHPTAAVTE KQQMLEQHLQ DVRKRVQDLE QKMKVVENLQ DDFDFNYKTL KSQGDMQDLN GNNQSVTRQK MQQLEQMLTA LDQMRRSIVS ELAGLLSAME YVQKTLTDEE LADWKRRQQI ACIGGPPNIC LDRLENWITS LAESQLQTRQ QIKKLEELQQ KVSYKGDPIV QHRPMLLEERI VELFRNLMKS AFVVERQPCM PMHPDRPLVI KTG VQFTTKV RLLVKFPELN YQLKIKVCID KDSGDVAALR GSRKFNILGT NTKVMNMEES NNGSLSAEFK HLTLREQRCG NGGRANCDAS LIVTEELHLI TFETEVYHQG LKIDLETHSL PVVVISNICQ MPNAWASILW YNMLTNNPKN VNFFTKPPIG TWDQVAEVLS WQFSSTTKRG LSIEQLTTLA

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EKLLGPGVNY
 SGCQITWAKF CKENMAGKGF SFVWVLDNII DLVKKYILAL WNEGYIMGFI
 SKERERAILS
 TKPPGTFLLR FSESSKEGGV TFTWVEKDIS GKTQIQSVEP YTKQQLNNMS
 FAEIIMGYKI
 MDATNILVSP LVYLYPDIPK EEAFGKYCRP ESQEHPEADP GSAAPYLKTK
 FICVTPTTCS

Endotoxin < 1EU/μg

Purity >95%(SDS-PAGE & RP-HPLC)

Storage If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C.
 For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA)
 and store at -20~ -80°C.
 Avoid multiple freeze-thaws.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of
 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name STAT3 signal transducer and activator of transcription 3 (acute-phase response factor) [Homo sapiens]

Official Symbol STAT3

Synonyms STAT3; signal transducer and activator of transcription 3 (acute-phase response factor); signal transducer and activator of transcription 3; APRF; DNA-binding protein APRF; acute-phase response factor; HIES; FLJ20882; MGC16063;

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Gene ID	6774
mRNA Refseq	NM_003150
Protein Refseq	NP_003141
MIM	102582
UniProt ID	P40763

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