

## Recombinant Human STAT3 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STAT3 protein(P42227)(600aa), fused with His Tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	600aa
<b>Molecular Mass</b>	68.5kDa
<b>AA Sequence</b>	<p>MHHHHHHGQA NHPTAAVTE KQQMLEQLQ DVRKRVQDLE QKMKVVENLQ  DDDFDFNYKTL  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</p>

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EKLLGPGVNY  
 SGCQITWAKF CKENMAGKGF SFVWVLDNII DLVKKYILAL WNEGYIMGFI  
 SKERERAILS  
 TKPPGTFLLR FSESSKEGGV TFTWVEKDIS GKTQIQSVEP YTKQQLNMS  
 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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