

Recombinant Human STAT3 protein, His-tagged

Cat. No. STAT3-674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT3 protein(P40763)(127-688aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	127-688a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	68.4 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

GQANHPTAAVVTEKQQMLEQHLQDVRKRVQDLEQKMKVVENLQDDDFDFNYKTLKS
 QGDMQDLNGNNQSVTRQKMQQLEQMLTALDQMRRSIVSELAGLLSAMEYVQKTLT
 DEELADWKRRQQIACIGGPPNICLDRLLENWITSLAESQLQTRQQIKKLEELQQKVS
 YKGDPIVQHRPMLEERIVELFRNLMKSAFVVERQPCMPMHPDRPLVIKTGVQFTTKVR
 LLVKFPELNYQLKIKVCIDKDSGDVAALRGSRKFNLGTNTKVMNMEESNNGSLSAEF
 KHLTLREQRCGNGGRANCDA SLIVTEELHLITFETEVYHQGLKIDLETHSLPVVISNI
 CQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVL SWQFSSTTKRGLSIE
 QLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGF SWVWLDNIIDL VKKYILALW
 NEGYIMGFISKERERAILSTKPPGTFLRFSESSKEGGVTFTWVEKDISGKTQIQSVE
 PYTKQQLNMSFAEIIMGYKIMDATNILVSPVLYLPDIPKEEAFGKYCR

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;

Gene ID

6774

mRNA Refseq

NM_003150

Protein Refseq

NP_003141

MIM

102582

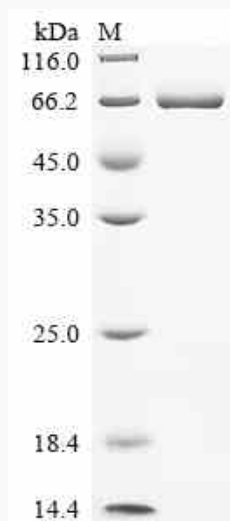
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UniProt ID P40763

SDS-PAGE



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