

## Recombinant Human STAT3 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STAT3 protein(P40763)(127-688aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	127-688a.a.
<b>Tag</b>	His
<b>Form</b>	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.
<b>Molecular Mass</b>	68.4 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

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

**AA Sequence**

GQANHPTAAVVTEKQQMLEQHLQDVRKRVQDLEQKMKVVENLQDDDFDFNYKTLKS  
 QGDMQDLNGNNSVTRQKMQLLEQMLTALDQMRRSIVSELAGLLSAMEYVQKTLT  
 DEELADWKRRQQIACIGGPPNICLDRLLENWITSLAESQLQTRQQIKKLEELQQKVS  
 YKGDPIVQHRPMLERIVELFRNLMKSAFVVERQPCMPMHPDRPLVIKTGVQFTTKVR  
 LLVKFPELNYQLKIKVCIDKDSGDVAALRGSRKFNILGTNTKVMNMEESNNGSLSAEF  
 KHLTLREQRCGNGGRANCDASLIVTEELHLITFETEVYHQGLKIDLETHSLPVVVISNI  
 CQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVLVSWQFSSTTKRGLSIE  
 QLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFVWVLDNIIDLKYLALW  
 NEGIMGFISKERERAILSTKPPGTFLRFSESSKEGGVTFTWVEKDISGKTQIQSVE  
 PYTKQQLNMSFAEIIIMGYKIMDATNILVSPVLYLPDIPKEEAFGKYCR

**GENE INFORMATION**

<b>Gene Name</b>	STAT3 signal transducer and activator of transcription 3 (acute-phase response factor) [ Homo sapiens ]
<b>Official Symbol</b>	STAT3
<b>Synonyms</b>	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;
<b>Gene ID</b>	6774
<b>mRNA Refseq</b>	NM_003150
<b>Protein Refseq</b>	NP_003141
<b>MIM</b>	102582

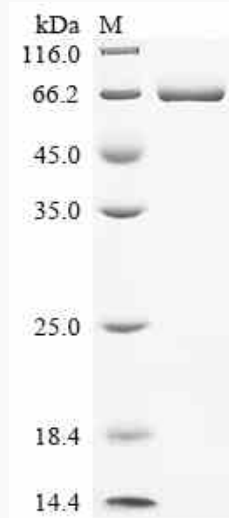
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UniProt ID P40763

SDS-PAGE



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