

# Recombinant Human STAT3 protein, MBP&His-Avi-tagged, Biotinylated

Cat. No. STAT3-6443H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human STAT3 protein(P40763)(1-770aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-770aa
<b>Conjugation/Label</b>	Biotin
<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>	135.8 kDa
<b>Purity</b>	Greater than 85% 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

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

MAQWNQLQQLDTRYLEQLHQLYSDSFPMELRQFLAPWIESQDWAYAASKESHATL  
 VFHLLGEIDQQYSRFLQESNVLYQHNLRRKQFLQSRYLEKPMIARIVARCLWEES  
 RLLQTAATAAQGGQANHPTAAVVTEKQQMLEQHLQDVRKRVQDLEQKMKVVENL  
 QDDDFDFNYKTLKSQGDMQDLNGNNSVTRQKMQQLEQMLTALDQMRRSIVSELA  
 GLLSAMEYVQKTLTDEELADWKRRQQIACIGPPNICLDRLENWITSLAESQLQTRQ  
 QIKKLEELQQKVSYKGDPIVQHRPMLERIVELFRNLMKSAFVVERQPCMPMHPDR  
 PLVIKTGVQFTTKVRLLVKPELNYQLKIKVCIDKDSGDVAALRGSRKFNILGTNTKVM  
 NMEESNNGSLSAEFKHLTLREQRCGNGGRANCDASLIVTEELHLITFETEVYHQGLK  
 IDLETHSLPVVISNICQMPNAWASILWYNMLTNNPKNVNFFTKPPIGTWDQVAEVL  
 WQFSSTTKRGLSIEQLTTLAEKLLGPGVNYSGCQITWAKFCKENMAGKGFVWVWL  
 DNIIDLKVKYILALWNEGYIMGFISKERERAILSTKPPGTFLLRFSESSKEGGVTFTWV  
 EKDISGKTQIQSVEPYTKQQLNMSFAEIIMGYKIMDATNILVSPVLYLPDIPKEEAF  
 GKYCRPESQEHPADPGSAAPYLKTKFICVPTTCSNTIDLPMSPRTLDSLMMQFGNN  
 GEGAEPSAGGQFESLTFDMELTSECATSPM

**Conjugation**                      Biotin

## 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

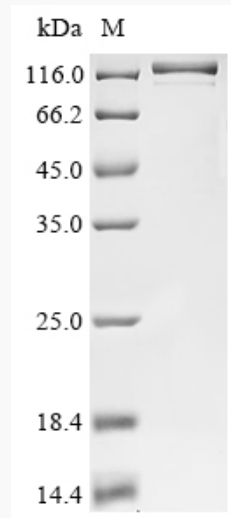
mRNA Refseq NM\_003150

Protein Refseq NP\_003141

MIM 102582

UniProt ID P40763

SDS-PAGE



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