

Human STAT3 Recombinant Protein



RPPB2650

Product Information Protein Information

Product SKU:

RPPB2650

Accession:

P40763

Host:

Sf9, Baculovirus cells.

Protein description:

STAT3 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (1-770 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 776 amino acids and having a molecular mass of 88.8kDa. STAT3 shows multiple bands between 70-100kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Signal transducer and activator of transcription 3 isoform 1, STAT3, ADMIO, DMIO1, APRF, HIES.

Formulation:

STAT3 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4), 30% glycerol & 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MAQWNQLQQL DTRYLEQLHQ LYSDSFPMEI RQFLAPWIES QDWAYAASKE SHATLVFHNL LGEIDQQYSR
FLQESNVLYQ HNLRRKQFLQSRYLEKPME IARIVARCLW EESRLLQTAA TAAQQGGQAN HPTAAVWTEK
QQMLEQHLQD VRKRVDLEQ KMKVVENLQD DDFDNYKTLK SQGDMQDLNG NNQSVTRQKM
QQLEQMLTAL DQMRRSIVSE LAGLLSAMEY VQKTLTDEEL ADWKRRQQA CIGGPPNICL
DRLENWITSLAESLQTRQQ IKKLEELQQK VSYKGDPIVQ HRPMLERIV ELFRNLMSA FVVERQPCMP
MHPDRPLVIK TGVQFTTKVR LLVKFPELNY QLKIKVICDK DSGDVAALRG SRKFNILGTN TKVMNMEESN
NGLSAEFKH LTLREQRCGN GGRANCASL IVTEELHLIT FETEVYHQGLKIDLETHSLP VVISNICQM
PNAWASILWY NMLTNNPKNV NFFTTPPIGT WDQVAEVLWS QFSSTTKRGL SIEQLTLAE KLLGPGVNYS
GCQITWAKFC KENMAGKGFS FVWLDNIID LVKKYILALW NEGIMGFIS KERERAILST KPPGTFLLRP
SESSKEGGVT FTWVEKDISGKTQIQSVEPY TKQQLNMSF AEIIMGYKIM DATNILVSPL VYLYPDIPKE
EAFGKYCRPE SQEHPEADPG SAAPYLKTKF ICVPTTCSN TIDLPMSPRT LDSLMQFGNN GEGAEPSAGG
QFESLTFDME LTSECATSPM HHHHHH.