
Product Data Sheet

Product Name: STAT3 Human

Cat. No.: GP22626

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

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

MAQWNQLQQL DTRYLEQLHQ LYSDSFPME L RQFLAPWIES QDWAYAASKE
 SHATLVFHNL LGEIDQQYSR FLQESNVLYQ HNLRRIKQFLQSRYLEKPME
 IARIVARCLW EESRLLQTAA TAAQQGGQAN HPTAAVVTEK QQMLEQHLQD
 VRKRVQDLEQ KMKVVENLQD DFDNFYKTLK SQGDMQDLNG NNQSVTRQKM
 QQLEQMLTAL DQMRRSIVSE LAGLLSAMEY VQKTLTDEEL ADWKRRQZIA
 CIGGPPNICL DRLENWITSLAESQLQTRQQ IKKLEELQOK VSYKGDPIVQ
 HRPMLEERIV ELFRNLMKSA FVVERQPCMP MHPDRPLVIK TGVQFTTKVR
 Amino Acid Sequence LLVKFPELNY QLKIKVCIDK DSGDVAALRG SRKFNILGTN TKVMNMEESN
 NGSLSAEFKH LTLREQRCGN GGRANCDASL IVTEELHLIT
 FETEVYHQGLKIDLETHSLP VVISNICQM PNAWASILWY NMLTNNPKNV
 NFFTKPPIGT WDQVAEVLSW QFSSTTKRGL SIEQLTTLAE KLLGPGVNYS
 GCQITWAKFC KENMAGKGFS FWVWLDNIID LVKKYILALW NEGYIMGFIS
 KERERAILST KPPGTFLLR F SESSKEGGVT FTWVEKDISGKTQIQSVEPY
 TKQQLNMSF AEIIMGYKIM DATNILVSPL VYLYPDIPKE EAFGKYCRPE
 SQEHPEADPG SAAPYLKTKF ICVTPPTCSN TIDLPMSPRT LDSLMQFGNN
 GEGAEPSAGG QFESLTFDME LTSECATSPM HHHHHH.

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

Introduction

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

Stability**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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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.

Background

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.

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