

RPPB2649

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## Product Information    Protein Information

**Product SKU:**

RPPB2649

**Accession:**

P42224

**Host:**

Escherichia Coli.

**Protein description:**

STAT1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 732 amino acids (1-712 a.a.) and having a molecular mass of 85.2 kDa. The STAT1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Signal transducer and activator of transcription 1-alpha/beta, Transcription factor ISGF-3 components p91/p84, STAT1, ISGF-3, STAT91, DKFZp686B04100.

**Formulation:**

STAT1 0.5mg/ml protein solution contains 20mM Tris-HCl buffer pH-8, 0.1M NaCl, 1mM DTT and 10% glycerol.

**Purity:**

Greater than 90% 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. Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MSQWYELQQL DSKFLEQVHQ LYDDSPMEI RQYLAQWLEK  
QDWEHAANDV SFATIRFHDH LSQLEDDQYSR FSLENNFLLQ HNIRKSKRNL QDNFQEDPIQ MSMIIYSLK  
EERKILENAQ RFNQAQSGNI QSTVMLDKQK ELDSKVRNVK DKVMCIEHEI KSLEDLQDEY DFKCKTLQNR  
EHETNGVAKS DQKQEQLLKL KMYLMLDNKR KEVVHKIIEI LNVTELTQNA LINDELVEWK RRQQSACIGG  
PPNACLDQLQ NWFIVAESE QQVRQQLKKL EELEQKYTYE HDPITKNKQV LWDRTFSLFQ QLIQSSFVVE  
RQPCMPHPQ RPLVLKTGVQ FTVKLRLLVK LQELNYNLKV KVLFDKDVNE RNTVKGFRKF NILGHTKVM  
NMEESTNGSL AAEFRHLQLK EQKNAGTRTN EGPLIVTEEL HSLSFETQLC QPGLVIDLET TSLPVVVISN  
VSQLEPSGWAS ILWYNMLVAE PRNLSFFLTP PCARWAQLSE VLSWQFSSVT KRGLNVDQLN MLGEKLLGPN  
ASPDGLIPWT RFCKENINDK NFPFWLWIES ILEIKKHLL PLWNDGCMG FISKERERAL LKQQPGTFL  
LRFSESSREG AITFTWVERS QNGGEPDFHA VEPYTKKELS AVTFPDIIRN YKVMMAENIP ENPLKYLVPN  
IDKDHAFGKY YSRPKEAPEP MELDGPKG TG YIKTELISVS EV.