



Human STAT1

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
2 µg	4050.950.002		
10 µg	4050.950.010		
1 mg	4050.950.199		

Please enquire for bulk quantities and other vial sizes.

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.

- **Source** *E. coli*
- **Purity** ≥ 90 % (SDS-PAGE)
- **Buffer** STAT1 0.5 mg/ml protein solution contains 20 mM Tris-HCl buffer pH -8, 0.1 M NaCl, 1 mM DTT and 10 % glycerol*
- **Physical State** Sterile filtered clear solution

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. **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

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MGSSHHHHH  SSGLVPRGSH  MSQWYELQQL  DSKFLEQVHQ  LYDDSFPM EI  RQYLAQWLEK  QDWEHAANDV
SFATIRFHD L  LSQ LDDQYSR  FSLENNFLLQ  HNIRKSKRNL  QDNFQEDPIQ  MSMIIYSCLK  EERKILENAQ
RFNQAQSGNI  QSTVMLDKQK  ELDSKVRNVK  DKVMCIEHEI  KSLEDLQDEY  DFKCKTLQNR  EHETNGVAKS
DQKQEQLLLK  KMYLMLDNKR  KEVVHKIIE L  LNVTELTQNA  LINDELVEWK  RRQQSACIGG  PPNACLDQLQ
NWFTIVAESL  QQVRQQLKKL  EELEQKYTYE  HDPITKNKQV  LWDRTFSLFQ  QLIQSSFVVE  RQPCMPHPQ
RPLVLKTGVQ  FTVKLRLLVK  LQELNYNLKV  KVLFDKDVNE  RNTVKGFRKF  NILGHTKVM  NMEESTNGSL
AAEFRHLQLK  EQKNAGTRTN  EGPLIVTEEL  HSLSFETQLC  QPGLVIDLET  TSLPVVISN  VSQ LPSGWAS
ILWYNMLVAE  PRNLSFFLTP  PCARWAQLSE  VLSWQFSSVT  KRGLNVDQLN  MLGEKLLGPN  ASPDGLIPWT
RFCKENINDK  NPPFWLWIES  ILELIKHL L  PLWNDGCIMG  FISKERERAL  LKDQQPGTFL  LRFSESSREG
AITFTWVERS  QNGGEPDFHA  VEPYTKKELS  AVTFPDIIRN  YKVMAAENIP  ENPLKYLYPN  IDKDHAFGKY
YSRPKEAPEP  MELDGPKGTG  YIKTELISVS  EV
  
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Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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