

Recombinant Signal Transducer And Activator Of Transcription 3 (STAT3) Instruction Manual

SIPB267Mi01

Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat), Bos taurus; Bovine (Cattle)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	25.0kDa
Accurate Molecular Mass	27kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg335~Trp546 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                     RPLVIK TGVQFTTKVR
LLVKFPELNY QLKIKVCIDK DSGDVAALRG SRKFNILGTN TKVMNMEESN
NGSLSAEFKH LTLREQRCGN GGRANCDASL IVTEELHLIT FETEVYHQGL
KIDLETHSLP VVVISNICQM PNAWASILWY NMLTNNPKNV NFFTKPPIGT
WDQVAEVL SW QFSSTTKRGL SIEQLTTLAE KLLGPGVNYS GCQITW
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

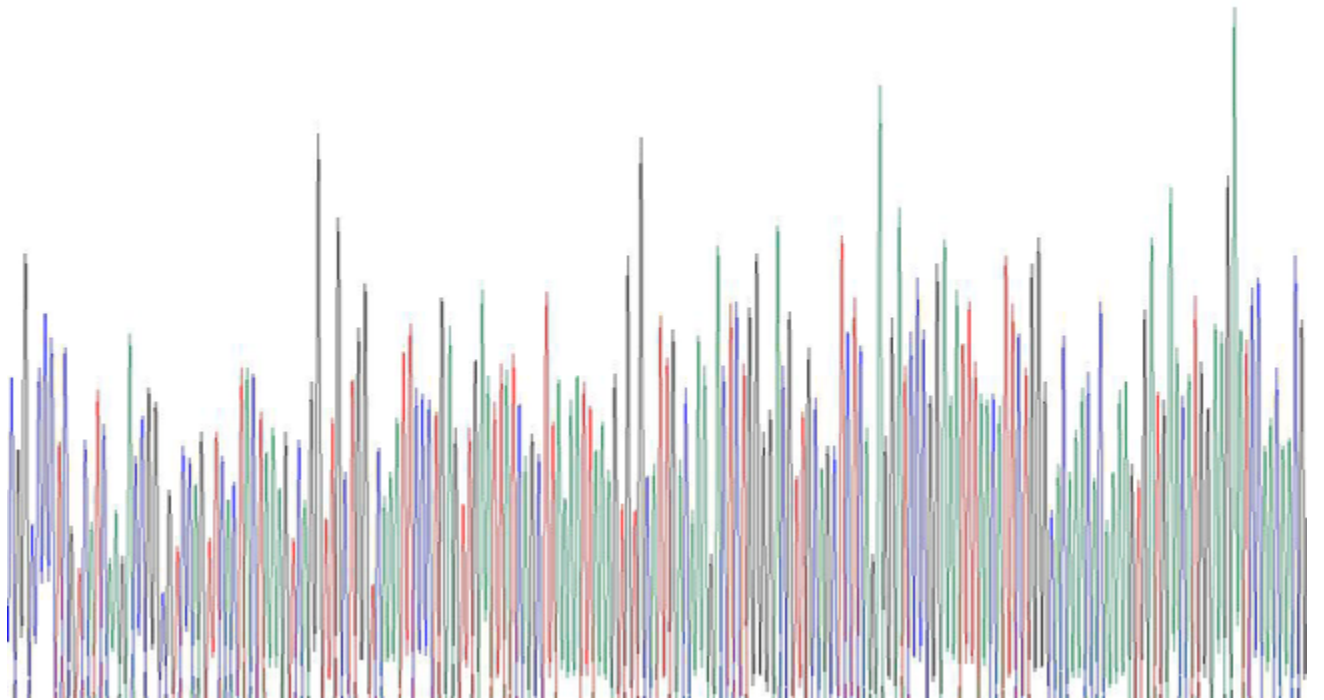
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

066000C TGGTCATGAGAG06605 TGGG TTAG TAC TAAGTCAAGTTCATGG TCAAT TCCCTGAGTTCATTCATGAT TTAAT TTAAGTGTGATTCACAAAGATCTGGGGAGTTCGAGCTCTAGAGGATCCCGAATTTACATCTCGGGCAAAACACAAAGTATGACATGGAGATTCACAAAG
R P L V I X T G V Q P T T K V R L L V E P P E L N Y I Q L K I E V C I D E D S G D V A A L R G S R E P H I L G T H T E V M H H E E S N U G



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

