

Signal transducer and activator of transcription 5B (STAT5B) Recombinant Protein | STAT5B recombinant protein

Recombinant Human Signal transducer and activator of transcription 5B (STAT5B)

CATALOG #
AAA114140

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Signal transducer and activator of transcription 5B (STAT5B); Recombinant Human Signal transducer and activator of transcription 5B (STAT5B); STAT5B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-448. Full Length of Mature Protein
Sequence	MELKPTAPPI FTGRPFVVAW DVPTQDCGPR LKVPLDLNAF DVQASPNEG F VNQNITIFYR DRLGLYPRFD SAGRSVHGGV PQNVSLWAHR KMLQKRVEHY IRTQESAGLA VIDWEDWRPV WVRNWQDKDV YRRLSRQLVA SRHPDWPPDR IVKQAQYEFEE FAAQQFMLET LRYVKAVRPR HLWGFYLFDP CYNHDYVQNW ESYTGRCPDV EVARNDQLAW LWAESTALFP SVYLDETLAS SRHGRNFVSF RVQEALRVAR THHANHALPV YVFTRPYTSR RLTGLSEMDL ISTIGESAAL GAAGVILWGD AGYTTSTETC QYLKDYLTR LVPYVVNVSW ATQYCSRAQC HGHGRCVRRN PSASTFLHLS TNSFRLVPGH APGEPQLRPV GELSWADIDH LQTHFRCQCY LGWSGECQW DHRQAAGG
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for STAT5B recombinant protein

This protein is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression. This gene was found to fuse to retinoic acid receptor-alpha (RARA) gene in a small subset of acute promyelocytic leukemias (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618344
NCBI GeneID	6777
NCBI Accession #	NP_036580.2
NCBI GenBank Nucleotide #	NM_012448.3
UniProt Accession #	P51692; Q8WWS8
Molecular Weight	89,866 Da
NCBI Official Full Name	signal transducer and activator of transcription 5B
NCBI Official Synonym Full Names	signal transducer and activator of transcription 5B
NCBI Official Symbol	STAT5B
NCBI Official Synonym Symbols	STAT5
NCBI Protein Information	signal transducer and activator of transcription 5B
UniProt Protein Name	Signal transducer and activator of transcription 5B
UniProt Gene Name	STAT5B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/stat5b-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114140>