

General Transcription Factor IIB Recombinant Protein | GTF2B recombinant protein

Recombinant Human General Transcription Factor IIB

CATALOG # AAA38745	HOST E Coli
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PRODUCT SYNONYMS

General Transcription Factor IIB; Recombinant Human General Transcription Factor IIB; GTF2B Human; General Transcription Factor IIB Human Recombinant; TF2B; TFIIIB; GTF2B; Transcription initiation factor IIB; General transcription factor TFIIIB; S300-II; GTF2B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The GTF2B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol. Sterile Filtered clear solution.
Concentration	0.5mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMASTRSLDA LPRVTCPNHP DAILVEDYRA GDMICPECGL VVGDRVIDVG SEWRTFSNDK ATKDPSRVGD SQNPLSDGD LSTMIGKGTG AASFDEFGNS KYQNRRTMSS SDRAMMNAFK EITTMADRIN LPRNIVDRTN NLFKQVYEQK SLKGRANDAI ASACLYIACR QEGVPRTFKE ICAVSRISKK EIGRCFKLIL KALETSVDLI TTGDFMSRFC SNLCLPKQVQ MAATHIARKA VELDLVPGRS PISVAAAAIY MASQASAEKR TQKEIGDIAG VADVTIRQSY RLIYPRAPDL FPTDFKFDTP VDKLPQL
Sequence Length	316
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for GTF2B recombinant protein	Description: GTF2B Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 336 amino acids (1-316 a.a.) and having a molecular mass of 36.9 kDa. The GTF2B is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: GTF2B is one of the ubiquitous factors needed for transcription initiation by RNA polymerase II preinitiation factor. GTF2B localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. GTF2 plays a role as a bridge between IID, which initially recognizes the promoter sequence, and RNA polymerase II. GTF2B is involved in the selection of the transcription start site.
Product Categories/Family for GTF2B recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; General Transcription Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504193
NCBI GeneID	2959
NCBI Accession #	NP_001505.1
NCBI GenBank Nucleotide #	NM_001514.5
UniProt Accession #	Q00403 ; Q5JS30 ; A8K1A7

Molecular Weight	34,833 Da
NCBI Official Full Name	transcription initiation factor IIB
NCBI Official Synonym Full Names	general transcription factor IIB
NCBI Official Symbol	GTF2B
NCBI Official Synonym Symbols	TF2B; TFIIB
NCBI Protein Information	transcription initiation factor IIB; RNA polymerase II transcription factor IIB; S300-II; general transcription factor TFIIB
UniProt Protein Name	Transcription initiation factor IIB
UniProt Gene Name	GTF2B
UniProt Synonym Gene Names	TF2B; TFIIB
UniProt Entry Name	TF2B_HUMAN

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/gtf2b-recombinant-protein-e-coli/38745>