

Recombinant Human GTF2B, His-tagged

Cat. No. GTF2B-30661TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TFIIB with N terminal His tag; 336 amino acids with tag, MWt 36.9kDa.
Species	Human
Source	E.coli
Description	This gene encodes the general transcription factor IIB, one of the ubiquitous factors required for transcription initiation by RNA polymerase II. The protein localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. Transcription factor IIB serves as a bridge between IID, the factor which initially recognizes the promoter sequence, and RNA polymerase II.
Conjugation	HIS
Molecular Weight	36.900kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MASTSRLDAL PRVTCPNHPD AILVEDYRAG
DMICPECGLV VGDRVIDVGS EWRTFSNDKA TKDPSRVGDS QNPLSDGDL
STMIGKGTGA ASFDEFGNSK YQNRRTMSSS DRAMMNAFKE ITTMADRINL
PRNIVDRTNN LFKQVYEQKS LKGRANDAIA SACLYIACRQ EGVPRTFKEI
CAVSRISKKE IGRCFKLILK ALETSDVLIT TGDFMSRFCS NLCLPKQVQM
AATHIARKAV ELDLVPGRSP ISVAAAAIYM ASQASAEKRT QKEIGDIAGV
ADV TIRQSYR LIYPRAPDLF PTDFKFDTVPV DKLPQL

Sequence Similarities

Belongs to the TFIIIB family.Contains 1 TFIIIB-type zinc finger.

Full Length

Full L.

GENE INFORMATION

Gene Name

GTF2B general transcription factor IIB [Homo sapiens]

Official Symbol

GTF2B

Synonyms

GTF2B; general transcription factor IIB; transcription initiation factor IIB; TFIIIB;

Gene ID

2959

mRNA Refseq

NM_001514

Protein Refseq

NP_001505

MIM

189963

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Uniprot ID	Q00403
Chromosome Location	1p22-p21
Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem;
Function	DNA binding; metal ion binding; protein binding; thyroid hormone receptor binding; transcription factor binding;

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