

## Recombinant Human GTF2B

**Cat. No.** GTF2B-30662TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human TFIIB with proprietary tag, Estimated MWt 61kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Belongs to the TFIIB family. Contains 1 TFIIB-type zinc finger.

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**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; TFIIB;

**Gene ID** [2959](#)

**mRNA Refseq** [NM\\_001514](#)

**Protein Refseq** [NP\\_001505](#)

**MIM** [189963](#)

**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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