Recombinant Human GTF2B

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

SPECIFICATION

Product Overview	Recombinant full length human TFIIB with proprietary tag, Estimated MWt 61kDa.
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.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	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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