Active Recombinant Human General Transcription Factor IIB, GST-tagged

Cat. No. GTF2B-1177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	E.coli
Description	The transcription factor IIB (TFIIB) is an essential factor for transcription by RNA Polymerase II. TFIIB has been shown to be required for selective binding of RNA Polymerase II, TFIIF and TFIID-DNA complex, and for specifying the start site of transcription. Human TFIIB is a single, 35 kDa polypeptide, homologous to yeast factor ε, the product of the SUA7 gene. The Transcription Factor IIB (TFIIB) is an essential factor for transcription by RNA polymerase II. Isolated from an*E. coli*strain that carries the coding sequence for human TFIIB under the control of a T7 promoter. GST-TFIIB has been used for protein-protein interaction assays.
Usage	For in vitro use only.
Form	Liquid. Supplied in 20 mM Tris-HCl pH 8.0, 100 mM KCl, 0.2 mM EDTA, 1 mM DTT and 20% glycerol.
Activity	100 ng are sufficient for a protein-protein interaction assay detected by immuno-blot system.
Purity	> 95% by SDS-PAGE.

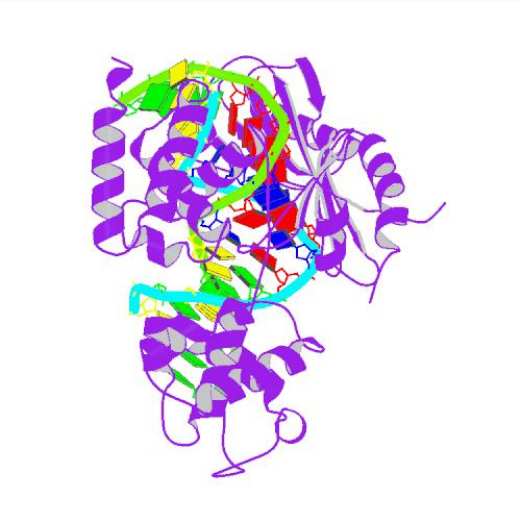
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Storage	Quality guaranteed for 12 months, store at -80℃. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	GTF2B general transcription factor IIB [Homo sapiens]
Synonyms	GTF2B; general transcription factor IIB; TF2B; TFIIB; RNA polymerase II transcription factor IIB; S300-II; General transcription factor 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; Gene Expression; HIV Infection; Transcription
Function	DNA binding; general RNA polymerase II transcription factor activity; metal ion binding; protein binding; transcription regulator activity; translation initiation factor activity; zinc ion binding

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