

## 32-7271: Recombinant Human Transcription Initiation Factor IIB/TFIIB/GTF2B (N-GST)

**Gene :** GTF2B  
**Gene ID :** 2959  
**Uniprot ID :** Q00403

### Description

Source: E.coli.  
MW :61.64kD.

Recombinant Human Transcription Initiation Factor IIB is produced by our E.coli expression system and the target gene encoding Met1-Leu316 is expressed with a GST tag at the N-terminus. Transcription Initiation Factor IIB (TFIIB) is an essential factor for transcription by RNA Polymerase II. TFIIB localizes to the nucleus where it forms a complex (the DAB complex) with transcription factor IID and IIA. TFIIB plays a role as a bridge between IID, which initially recognizes the promoter sequence, and RNA polymerase II. TFIIB is involved in the selection of transcription start site.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, pH 8.0.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKTQSMIIIRYIA DKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKDFETLKVDFLSKLP EMLKMFEDRLCHKTYLNGDHVTH PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR GSPEFHMASTSRDLALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWR TFSNDKATK DPSRV GDSQNPLLSGDGLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSDRAMMNAFKEITTMADRINLPRNIVDR TNN LFKQVYEQKSLKGRANDAIASACLYIACRQEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSVDLIT TGFMSR FCSNLCLPKQVQMAATHIARKAVELDLVPGRSPISVAAAAIYMASQSAEKRTQKEIGDIAGVADV TIRQSYRLIY PRAPDLFPTDFKFDTPVDKLPQL

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.