**Product Name: Recombinant Human TFIIB (N-GST)**
**Catalog #: PEH1707**

## Summary

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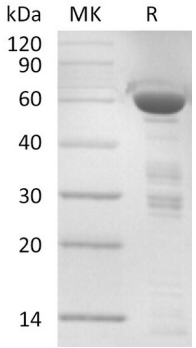
| **Name** | Transcription initiation factor IIB/GTF2B |
| **Purity** | Greater than 95% as determined by reducing SDS-PAGE |
| **Endotoxin level** | <1 EU/μg as determined by LAL test. |
| **Construction** | Recombinant Human Transcription Initiation Factor IIB is produced by our E.coli expression system and the target gene encoding Met1-Leu316 is expressed with a GST tag at the N-terminus. |
| **Accession #** | Q00403 |
| **Host** | E.coli |
| **Species** | Human |
| **Predicted Molecular Mass** | 61.64 KDa |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0. |
| **Shipping** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| **Stability&Storage** | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| **Reconstitution** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## SDS-PAGE image



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## Background

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|---|---|
| **Alternative Names** | Transcription Initiation Factor IIB; General Transcription Factor TFIIB; S300-II; GTF2B; TF2B; TFIIB |
| **Background** | 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. |

## Note

For Research Use Only , Not for Diagnostic Use.