

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

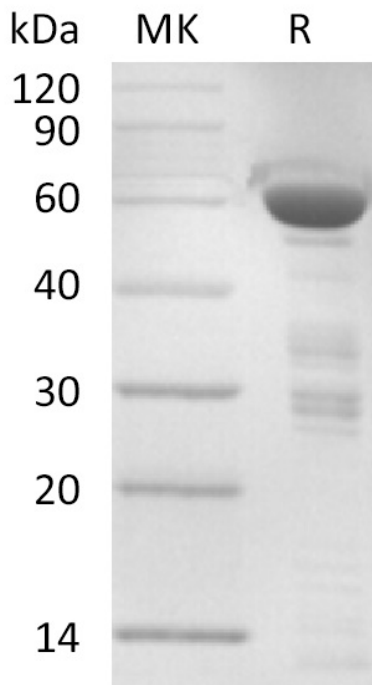


Summary

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	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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.

SDS-PAGE image

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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.