

# Product datasheet for TP304607L

#### OriGene Technologies, Inc.

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### TFIIB (GTF2B) (NM\_001514) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human general transcription factor IIB (GTF2B), 1 mg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC204607 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MASTSRLDALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFSNDKATKDPSRVGDS QNPLLSDGDLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSDRAMMNAFKEITTMADRINLPRNIVDRTNN

LFKQVYEQKSLKGRANDAIASACLYIACRQEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSVDLIT

TGDFMSRFCSNLCLPKQVQMAATHIARKAVELDLVPGRSPISVAAAAIYMASQASAEKRTQKEIGDIAGV

ADVTIRQSYRLIYPRAPDLFPTDFKFDTPVDKLPQL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

**Predicted MW:** 34.7 kDa

**Concentration:** >0.05 μg/μL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 001505

**Locus ID:** 2959





#### TFIIB (GTF2B) (NM\_001514) Human Recombinant Protein - TP304607L

**UniProt ID:** Q00403 1651 RefSeq Size: Cytogenetics: 1p22.2 RefSeq ORF: 948

Synonyms: TF2B; TFIIB

**Summary:** This gene encodes the general transcription factor IIB, one of the ubiquitous factors required

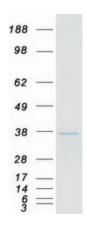
> for transcription initiation by RNA polymerase II. The protein localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. Transcription factor IIB serves as a bridge between IID, the factor which initially recognizes the promoter sequence,

and RNA polymerase II. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Basal transcription factors

## **Product images:**



Coomassie blue staining of purified GTF2B protein (Cat# [TP304607]). The protein was produced from HEK293T cells transfected with GTF2B cDNA clone (Cat# [RC204607]) using

MegaTran 2.0 (Cat# [TT210002]).