

Product datasheet for TP304607M

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), 100 μg

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 - TP304607M

UniProt ID:Q00403RefSeq Size:1651Cytogenetics:1p22.2RefSeq ORF:948

Synonyms: TF2B; TFIIB

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

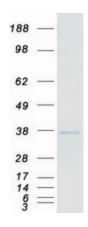
for transcription initiation by RNA polymerase II. The protein localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. Transcription factor IIB serves as a bridge between IID, the factor which initially recognizes the promoter sequence,

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]).