

Product datasheet for **TP304607L**

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

MASTSRLDALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFSNDKATKDP SRVGDS
QNPLLSGDGLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSDRAMMNAFKEITTMADRINLPRNIVDR TNN
LFKQVYEQKSLKGRANDAIASACLYIACRQEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSVDLIT
TGDFMSRFCSNLCLPKQVQMAATHIARKAVELDLVPGRSPISVAAAAYMASQASAEKRTQKEIGDIAGV
ADV TIRQSYRLIYPRAPDLFPTDFKFDTPVDKLPQL

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:	<u>NP_001505</u>
Locus ID:	2959



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UniProt ID: [Q00403](#)

RefSeq Size: 1651

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]).