

Recombinant Human GTF2B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GTF2B-3120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GTF2B MS Standard C13 and N15-labeled recombinant protein (NP_001505) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	34.8 kDa
AA Sequence	MASTSRLDALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFS NDKATKDPSRVGDSQNPLSDGDLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSD RAMMNAFKEITTMADRINLPRNIVDRNTNNLFKQVYEQKSLKGRANDAIASACLYIACR QEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSDVLTITGDFMSRFCNLCLPKQV QMAATHIARKAVELDLVPGRSPISVAAAAIYMASQASAEKRTQKEIGDIAGVADVTIR QSYRLIYPRAPDLFPTDFKFDTPVDKLPQLTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GTF2B general transcription factor IIB [Homo sapiens (human)]
Official Symbol	GTF2B
Synonyms	GTF2B; general transcription factor IIB; transcription initiation factor IIB; TFIIB; S300-II; general transcription factor TFIIB; RNA polymerase II transcription factor IIB; TF2B;
Gene ID	2959
mRNA Refseq	NM_001514
Protein Refseq	NP_001505
MIM	189963
UniProt ID	Q00403

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SDS-PAGE

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