

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

MASTRLDALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFS
 NDKATKDPSRVGDSQNPLSDGDLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSD
 RAMMNAFKEITTMADRINLPRNIVDRNTNNLFKQVYEQKSLKGRANDAIASACLYIACR
 QEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSDVLTITGDFMSRFCSNLCLPKQV
 QMAATHIARKAVELDLVPGRSPISVAAAAIYMASQASAEKRTQKEIGDIAGVADVTIR
 QSYRLIYPRAPDLFPTDFKFDTPVDKLPQLTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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