

Recombinant Full Length Human GTF2B Protein, GST-tagged

Cat. No. GTF2B-3377HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Human GTF2B full-length ORF (AAH20597, 1 a.a. - 316 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 316 amino acids

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. [provided by RefSeq]

Molecular Mass 60.5 kDa

AA Sequence MASTSRLDALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFS
 NDKATKDPSRVGDSQNPLLSDGDLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSD
 RAMMNAFKEITTMADRVNLPRNIVDRNTNLFKQVYEQKSLKGRANDAIASACLYIAC
 RQEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSVDLITTGDFMSRFCSNLCLPKQ
 VQMAATHIARKAVELDLVPGRSPISVAAAAIYMASQASAEKRTQKEIGDIAGVADVTI
 RQSYRLIYPRAPDLFPTDFKFDTPVDKLPQL

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GTF2B general transcription factor IIB [Homo sapiens]
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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