

Full-Length

GTF2B (Human) Recombinant Protein (P01)

Catalog # H00002959-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

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

Sequence

MASTSRLDALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFSNDKATKDP
SRVGDSQNPLLSGDGLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSDRAMMNAFKEITTMADRV
NLPRNIVDRNTNLFKQVYEQKSLKGRANDAIASACLYIACRQEGVPRTFKEICAVSRISKKEIGRCF
KLILKALETSDVLTITGDFMSRFCNLCLPKQVQMAATHIARKAVELDLVPGRSPISVAAAAIMAS
QASAEKRTQKEIGDIAGVADVTRQSYRLYPRAPDLFPTDFKFDTPVDKLPQL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GTF2B

Entrez GeneID	2959
GeneBank Accession#	BC020597
Protein Accession#	AAH20597
Gene Name	GTF2B
Gene Alias	TF2B, TFIIIB
Gene Description	general transcription factor IIB
Omim ID	189963
Gene Ontology	Hyperlink
Gene 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]
Other Designations	OTTHUMP00000012347 OTTHUMP00000058838 RNA polymerase II transcription factor IIB

Pathway

- [Basal transcription factors](#)