

GTF2B, 1-316aa, Human, His tag, E.coli

Cat.NO.: TP02368

3th Edition

Synonyms:General transcription factor IIB, TF2B, TFIIB

Description:GTF2B, also known as transcription factor II B, is one of several general transcription factors that make up the RNA polymerase II preinitiation complex. It localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. The protein serves as a bridge between IID, the factor which initially recognizes the promoter sequence, and RNA polymerase II.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl

Molecular Weight:36.9 kDa (336aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMASTRDLALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTF
SNDKATKDPSRVGDSQNPLLSGDLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSDRAMMNAFKEITTMADRINL
PRNIVDRTNNLFKQVYEQKSLKGRANDAIASACLYIACRQEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSDVLIT
TGDFMSRFCNSNLCPLKQVQMAATHIARKAVELDLVPGRSPISVAAAAIYMASQASAEKRTQKEIGDIAGVADVITIRQ
SYRLIYPRAPDLFPTDFKFDTPVDKLPQL

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.