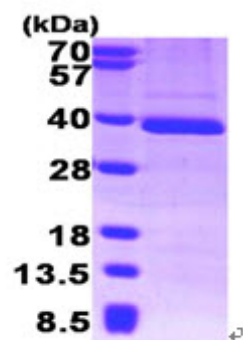


AR09332PU-N

Human GTF2B (1-316, His-tag) - Purified

Alternate names:	General transcription factor TFIIB, S300-II, TF2B, TFIIB, Transcription initiation factor IIB
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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. It is involved in the selection of the transcription start site.
Uniprot ID:	Q00403
NCBI:	NP_001505
GeneID:	2959
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1 M NaCl
Description:	Recombinant GTF2B protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MASTSRDLAL PRVTCPNHPD AILVEDYRAG DMICPECGLV VGDRVIDVGS EWRTFSNDKA TKDPSRVGDS QNPLLSGDGL STMIGKGTGA ASFDEFGNSK YQNRRTMSSS DRAMNFAKE ITTMADRINL PRNIVDRNTN LFKQVYEQKS LKGRANDAI SACLYIACRQ EGVPRTFKEI CAVSRISKKE IGRCFKLILK ALETSDVLTIT TGDMSRFCS NLCLPKVQM AATHIARKAV ELDLVPGRSP ISVAAAAIYM ASQASAEKRT QKEIGDIAGV ADVTIRQSYR LIYPRAPDLF PTDFKFDTPV DKLPQL Molecular weight: 36.9 kDa (336 aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Bushnell, David A, et al. (2004) Science. 303(5660):983-8.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human GTF2B (1-316 aa),
His-tagged: 15% SDS-PAGE (3 μ g)

