

## General Transcription Factor IIB Human Recombinant

<b>Item Number</b>	rAP-3332
<b>Synonyms</b>	TF2B, TFIIB, GTF2B, Transcription initiation factor IIB, General transcription factor TFIIB, S300-II.
<b>Description</b>	GTF2B Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 336 amino acids (1-316 a.a.) and having a molecular mass of 36.9 kDa. The GTF2B is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q00403
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MASTSRLDAL PRVTCPNHPD AILVEDYRAG DMICPECGLV VGDRVIDVGS EWRTFSNDKA TKDPSRVGDS QNPLSDGDL STMIGKGTGA ASFDEFGNK YQNRRTMSSS DRAMMNAFKE ITTMADRINL PRNIVDRTNN LFKQVYEQKS LKGRANDAIA SACLYIA- CRQ EGVPRTFKEI CAVSRISKKE IGRCFKLILK ALETSVDLIT TGDFMSRFCS NLCLPKQVQM AATHI- ARKAV ELDLVPGRSP ISVAAAAIYM ASQASAEKRT QKEIGDIAGV ADVTIRQSYR LIYPRAPDLF PTDFKFDTPV DKLPQL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The GTF2B solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**