

Recombinant Human GTF2B Protein

Catalog #	Source	Reactivity	Applications
CRP1648	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human GTF2B Protein is produced by our E. coli expression system and the target gene encoding Met1-Leu316 is expressed with a GST tag at the N-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.

Gene Symbol GTF2B

Alternative Names TF2B; TFIIB; Transcription initiation factor IIB; General transcription factor TFIIB; S300-II

Entrez Gene 2959 (Human)

SwissProt Q00403 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
 GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
 DFSLKPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
 KRIEAIPIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSPEFH MASTSRLDAL
 PRVTCPNHPD AILVEDYRAG DMICPECGLV VGDRVIDVGS EWRTFSNDKA TKDPSRVGDS
 QNPLSDGDL STMIGKGTGA ASFDEFGNSK YQNRRTMSSS DRAMMNAFKE ITTMADRINL
 PRNIVDRNTN LFKQVYEKKS LKGRANDAIA SACLYIACRQ EGVPRTFKEI CAVSRISKKE
 IGRCFKLILK ALETSVDLIT TGDFMSRFCS NLCLPKVQVM AATHIARKAV ELDLVPGRSP
 ISVAAAAYM ASQASAEKRT QKEIGDIAGV ADVTIRQSYR LIYPRAPDLF PTDFKFDTPV
 DKLPQL

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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