

32-7271: Recombinant Human Transcription Initiation Factor IIB/TFIIB/GTF2B (N-GST)

Gene : GTF2B
Gene ID : 2959
Uniprot ID : Q00403

Description

Source: E.coli.
MW :61.64kD.

Recombinant Human Transcription Initiation Factor IIB 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. Transcription Initiation Factor IIB (TFIIB) is an essential factor for transcription by RNA Polymerase II. TFIIB localizes to the nucleus where it forms a complex (the DAB complex) with transcription factor IID and IIA. TFIIB plays a role as a bridge between IID, which initially recognizes the promoter sequence, and RNA polymerase II. TFIIB is involved in the selection of transcription start site.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, pH 8.0.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKTQSMAIIRYIA
DKHNMLGGCPKERAISMLEGAVLDIRYGVSRAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR
GSPEFHMASTSRDLALPRVTCPNHPDAILVEDYRAGDMICPECGLVVGDRVIDVGSEWRTFSNDKATKDPSPRV
GDSQNPLLSGDGLSTMIGKGTGAASFDEFGNSKYQNRRTMSSSDRAMMNAFKEITTMADRINLPRNIVDRTNN
LFKQVYEQKSLKGRANDAIASACLYIACRQEGVPRTFKEICAVSRISKKEIGRCFKLILKALETSDVLTGGDFMSR
FCSNLCLPKQVQMAATHIARKAVELDLVPGRSPISVAAAAIYMASQASAEKRTQKEIGDIAGVADVTRQSYRLIY
PRAPDLFPTDFKFDTPVDKLPQL

Application Note

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 ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.