



Recombinant Protein Technical Manual

Recombinant Human TFIIB/GTF2B Protein (GST Tag)

RPES1173

Product Data:

Product SKU: RPES1173

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q00403

Protein Information:

Molecular Mass: 61.6 kDa

AP Molecular Mass: 62 kDa

Tag: N-GST

Bio-activity:

Purity: > 85 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Transcription Initiation Factor IIB; General Transcription Factor TFIIB; S300-II; GTF2B; TF2B; TFIIB

Immunogen Information:

Sequence: Met 1-Leu316

Background:

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.