

Recombinant Human BTAF1 Protein, GST-tagged

Cat. No. BTAF1-365H **Lot. No.** (See product label)

SPECIFICATION

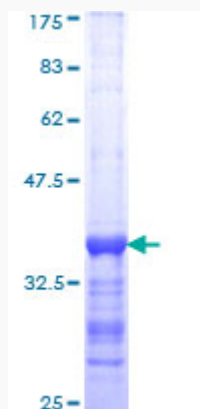
Product Overview	Human BTAF1 partial ORF (NP_003963, 1750 a.a. - 1849 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Initiation of transcription by RNA polymerase II requires the assistance of TATA box-binding protein (TBP; MIM 600075) and TBP-associated factors, or TAFs (e.g., TAF2B; MIM 604912), in 2 distinct complexes, TFIID and B-TFIID. The TFIID complex is composed of TBP and more than 8 TAFs. However, the majority of TBP is present in the B-TFIID complex, which is composed of TBP and TAFII170, also called TAF172, and has DNA-dependent ATPase activity.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.74 kDa
AA Sequence	NVYRLITRGTL EEKIMGLQKFKMNIANTVISQENSSLQSMGTDQLLDLFTLDKDGKAE KADTSTSGKASMKSILENLSDLWDQEYDSEYSLENFMHSLK
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	BTAF1 BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, 170kDa (Mot1 homolog, <i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	BTAF1
Synonyms	BTAF1; BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, 170kDa (Mot1 homolog, <i>S. cerevisiae</i>); BTAF1 RNA polymerase II, B TFIID transcription factor associated, 170 kD (Mot1 homolog, <i>S. cerevisiae</i>); TATA-binding protein-associated factor 172; MOT1; TAF(II)170; TAF 172; TAF172; TAFII170; TBP-associated factor 172; ATP-dependent helicase BTAF1; B-TFIID transcription factor-associated 170 kDa subunit; KIAA0940; MGC138406;
Gene ID	9044
mRNA Refseq	NM_003972
Protein Refseq	NP_003963
MIM	605191
UniProt ID	O14981



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