

Active Recombinant Human TATA Box Binding Protein, GST-tagged

Cat. No. TBP-1169H Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	E.coli
Description	<p>The TATA-binding protein (TBP) is believed to function as an essential factor of the general transcription machinery and to be involved in transcription by all three eukaryotic RNA Polymerases (Pol I, II, and III). TBP specifically binds to the TATA element at the promoter region and interacts with numerous transcription factors, including TBP-associated factors (TAFs), activators, and some tumor suppressor proteins. Isolated from an <i>E. coli</i> strain that carries the coding sequence for human TBP under the control of T7 promoter. GST-TBP can be used for protein-protein interaction assay.</p>
Usage	For in vitro use only.
Form	Liquid. Supplied in 20 mM Tris-HCl pH 8.0, 100 mM KCl, 0.2 mM EDTA, 1 mM DTT and 20% glycerol.
Activity	100 ng of the protein is sufficient for a protein-protein interaction assay detected by immuno-blot system.
Purity	> 95% by SDS-PAGE.
Storage	Quality guaranteed for 12 months, store at -80°C. Avoid freeze / thaw cycles.

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GENE INFORMATION

Gene Name	TBP TATA box binding protein [Homo sapiens]
Synonyms	TBP; TATA box binding protein; GTF2D; SCA17; TFIID; GTF2D1; MGC117320; MGC126054; MGC126055; TATA-box binding protein N-terminal domain; TATA-box factor; TATA-binding factor; TATA sequence-binding protein; Transcription initiation factor TFIID TBP subunit
Gene ID	6908
mRNA Refseq	NM_003194
Protein Refseq	NP_003185
MIM	600075
UniProt ID	P20226V
Chromosome Location	6q27
Pathway	Basal transcription factors; Huntington"s disease; Gene Expression; HIV Infection; Transcription
Function	general RNA polymerase II transcription factor activity; transcription factor activity

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