

TATA-box-binding protein 2 (TBP2), Recombinant Protein

Cat RP10455

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
Species (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Zea mays (Maize)
Cell)

Full Product Name

Recombinant Zea mays TATA-box-binding protein 2 (TBP2)

Product Gene Name

TBP2 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MAEPGLEGSQ PVDLSKHPSG IVPTLQNIIVS TVNLDCKLDL KAIALQARNA EYNPKRFAAV IMRIREPKTT
ALIFASGKMV CTGAKSEQQS KLAARKYARI IQKLGFPKAF KDFKIQNIVG SCDVKFPIRL EGLAYSHGAF
SSYEPELFPG LIYRMKQPKI VLLIFVSGKI VLTGAKVREE TYTAFENIYP VLSEFRKIQQ

Sequence Positions

1-200, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

22,295 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

Protein Family

TATA-binding protein

NCBI Accession

NP_001105319.1

NCBI GI

162459971

NCBI GenBank Nucleotide

NM_001111849.2

NCBI GeneID

542241

NCBI Official Full Name

TATA-box-binding protein 2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1*

NCBI Official Symbol
tbp2
mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Synonym Symbols

TIIF; GRMZM2G161418

NCBI Protein Information

TATA-box-binding protein 2

UniProt Gene Name

TBP2

UniProt Synonym Gene Names

TBP-2

UniProt Protein Name

TATA-box-binding protein 2

UniProt Synonym Protein Names

TATA sequence-binding protein 2; TBP-2; TATA-binding factor 2; TATA-box factor 2; Transcription initiation factor TFIID TBP-2 subunit

UniProt Primary Accession

P50159

UniProt Related Accession

P50159

UniProt Comments

General transcription factor that functions at the core of the DNA-binding multiprotein factor TFIID. Binding of TFIID to the TATA box is the initial transcriptional step of the pre-initiation complex (PIC), playing a role in the activation of eukaryotic genes transcribed by RNA polymerase II.

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