

TATA-binding protein 2 (TBP2), Recombinant Protein

Cat *RP11218*

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 (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species
Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica TATA-binding protein 2 (TBP2)

Product Gene Name

TBP2 recombinant protein

Product Synonym Gene Name

TBP2

Purity

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

Sequence

MAAEAAAALGSEPVDLAKH PSGIIPTLQN IVSTVNLDCCK LDLKAIALQA RNAEYNPKRF AAVIMRIREP
KTTALIFASG KMVCTGAKSE QQSKLAARKY ARIQKLGFP AKFKDFKIQN IVGSCDVKFP IRLEGLAYSH
GAFSSYEPEL FPGLIYRMKQ PKIVLLIFVS GKIVLTGAKV RDETYTAFEN IYPVLTEFRK VQQ

Sequence Positions

1-203, 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

22,481 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

XP_015631681.1

NCBI GI

1002254826

NCBI GenBank Nucleotide

XM_015776195.1

NCBI GeneID

4333619

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Full Name
TATA-binding protein 2 isoform X1

NCBI Official Symbol

LOC4333619

NCBI Official Synonym Symbols

TBP2; TBP-2; TFIID

NCBI Protein Information

TATA-binding protein 2

UniProt Gene Name

TBP2

UniProt Synonym Gene Names

TFIID; TBP-2

UniProt Protein Name

TATA-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

Q8W0W4

UniProt Secondary Accession

Q10FT1; Q7Y094

UniProt Related Accession

Q8W0W4

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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