

Product datasheet for MR204589

Tbp (NM_013684) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbp (NM_013684) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tbp
Synonyms:	Gtf2d; GTF2D1; SCA17; TFIID
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204589 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCAGAACAACAGCCTTCCACCTTATGCTCAGGGCTTGGCCTCCCCACAGGGCGCCATGACTCCTG
GAATCCCATCTTTAGTCCAATGATGCCTTACGGCACAGGACTTACTCCACAGCCTATTCAGAACACCAA
CAGTCTCTCTATTTTGAAGAGCAACAAAGACAGCAGCAGCAACAGCAACAGCAGCAGCAACAACAGCAG
GCAGTAGCAACTGCAGCAGCCTCAGTACAGCAATCAACATCTCAGCAACCCACACAGGGTGCCTCAGGCC
AGACCCCACTCTTCCATTCTCAAACCTGACCACTGCACCGTTGCCAGGCACCACCCCTTGTACCC
TTCACCAATGACTCCTATGACCCCTATCACTCCTGCCACACCAGTCTGAGAGCTCTGGAATTGTACCG
CAGCTTCAAAATATTGTATCTACCGTGAATCTTGGCTGTAACCTTACCTAAAGACCATTGCACTTCGTG
CAAGAAATGCTGAATATAATCCCAAGCGATTTGCTGCAGTCATCATGAGAATAAGAGAGCCACGGACAAC
TGCGTTGATTTTCAGTTCTGGAAAAATGGTGTGCACAGGAGCCAAGAGCTATGAGCCAGAATTATTTCT
GGATTAATCTACAGAATGATCAAACCCAGAATTGTTCTCCTTATTTTGTCTGGAAAAGTTGTATTAA
CAGGTGCTAAAGTTAGAGCAGAGATTTAAGACATTTGAAAACATCTACCCCATCTTAAAGGGATTTCAG
GAAGACCACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_013684.2](#), [NP_038712.2](#)

RefSeq Size: 1842 bp

RefSeq ORF: 951 bp

Locus ID: 21374

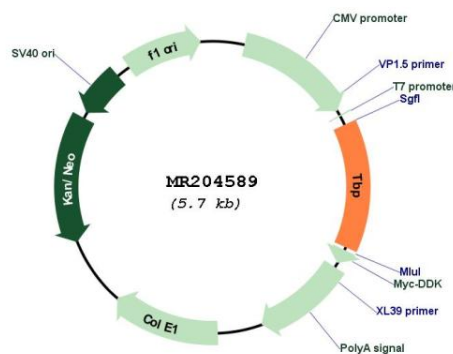
UniProt ID: [P29037](#)

Cytogenetics: 17 8.95 cM

MW: 28.3 kDa

Gene Summary: 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. Component of a BRF2-containing transcription factor complex that regulates transcription mediated by RNA polymerase III. Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (pre-initiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1 with the rDNA promoter. SL1 is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204589