

Product datasheet for **MR204589L4V**

Tbp (NM_013684) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Tbp (NM_013684) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Tbp |
| Synonyms: | Gtf2d; GTF2D1; SCA17; TFIID |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_013684 |
| ORF Size: | 783 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR204589). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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 |



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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]