

Product datasheet for SC307853

TBP2 (TBPL2) (NM_199047) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBP2 (TBPL2) (NM_199047) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBPL2
Synonyms:	TBP2; TRF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307853 representing NM_199047. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCTCTGCGCCCTGGCCGGAGCGGGTTCGAGGCTGCTCGCTCCGCGCTTACCTCTTACCCGCC
CCACCCCAACAGTGGGATTACGGTCCATGGAGCAGGAGGAGACCTACCTGGAGCTCTACCTGGACCAG
TGCGCCGCTCAGGATGGCCTTGCACCACCCAGGTCTCCCTGTTCCAGCCAGTTGTACCTTATGATAG
TACATACTGAATGCATCCAATCCGGATACTGCATTTAATTCGAACCCTGAAGTCAAAGAAACATCTGGT
GATTTCTCATCTGTGGATCTTAGCTTCTACCAGATGAAGTTACCCAGGAAAATAAGACCAGCCTGTC
ATTAGCAAACACGAAACTGAAGAAAATTCTGAAAGCCAAAGTCCACAAAGTAGGTTGCCATCACCCAGC
GAACAGGACGTTGGGCTGGGCTTAAACAGCAGCAGTTTGTCAAATTCCTATTACAGCTGCACCCTGGT
GATACTGACTCAGTCCAGCCCTCTCTGAGAAACCAAACCTCCGACTCCTTGTCTCTGGCATCCATAACT
CCCATGACACCAATGACCCTATTTTCAAGATGTTGTGGAATTGTACCTCAACTACAGAATATAGTTTCC
ACTGTAACCTGGCCTGTAAGTTGGATCTGAAGAAAATAGCTTTGCATGCAAAAAATGCAGAATATAAC
CCAAAGAGGTTTGGCTGCTGTCATAATGAGGATCCGAGAGCCAGGACAACAGCCCTTATATTTAGCTCT
GGGAAGATGGTCTGCACGGGAGCCAAAAGTGAAGAGCAGTCTCGACTTGCAGCAAGAAAATATGCTCGT
GTGGTGCAGAAGCTTGGGTTCCCTGCCAGATTCTCGATTTTAAAATTCAGAACATGTTTGAAGCTGT
GATGTGAGATTTCCCATCAGGCTGGAAGTGGTGGTCTAACCCATCAGCAGTTTCACTAGTTACGAGCCT
GAACTGTTTCTGGTCTTATTTATAGAATGGTAAAACCAGGAATTGTGTTGCTTATCTTTGTATCTGGA
AAAGTTGTGTTGACAGGTGCCAAAGAAGCTTCTGAGATCTATGAAGCATTGAAAACATCTATCCTATT
CTAAAAGGTTTTAAAAAGCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:	□
ACCN:	NM_199047
Insert Size:	1128 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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_199047.2
RefSeq Size:	1304 bp
RefSeq ORF:	1128 bp
Locus ID:	387332
UniProt ID:	Q6SJ96
Cytogenetics:	14q22.3
Protein Pathways:	Basal transcription factors, Huntington's disease
MW:	41.5 kDa
Gene Summary:	Transcription factor required in complex with TAF3 for the differentiation of myoblasts into myocytes. The complex replaces TFIID at specific promoters at an early stage in the differentiation process (By similarity).[UniProtKB/Swiss-Prot Function]