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Product datasheet for SC204295

TRBP (TARBP2) (NM_004178) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	TRBP
Synonyms:	LOQS; TRBP; TRBP1; TRBP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004178
Insert Size:	313 bp
Insert Sequence:	>SC204295 3'UTR clone of NM_004178 The sequence shown below is from the reference sequence of NM_004178. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TACCTCAAGATCATGGCAGGCAGCAAGTGAAGCCCCAGCTGGACTCATGGATGTGCACCCTTTGCTCCC TGCTCTTTCTGCCTCTGGGCTCATGTATCTGCGCAGCTCTGGTACCCTCTGTGGGTGCCATCTCTACCT CTGACACAGACTGCCTGCCTTGAAGCTGAGAAGGCACAGGGCAAGGAGCCAAGGACCACAGAGCCTCAG CCAGCCCAGGATCCGTCCTCATTTTATTGGTGATGATGAATGGGAATGAAATCAGGGGGCTGTCTACTA GAGCCTGGAATAAATATGCTGCTTTGTGGATTTTTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

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Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_004178.5

Summary: HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene also has a pseudogene. [provided by RefSeq, Jul 2008]

Locus ID: 6895

MW: 11.5