

Product datasheet for **SC117470**

TRAP80 (MED17) (NM_004268) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAP80 (MED17) (NM_004268) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAP80
Synonyms:	CRSP6; CRSP77; DRIP80; SRB4; TRAP80
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_004268, the custom clone sequence may differ by one or more nucleotides

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ATGTCCGGGTGCGCGCAGTGGGATCAGCATCGAATCGGCTGCGAGAAGCAGGTCCATGAGGTGGGCC
TGGATGGCACCAGAGACGTACCTGCCCCGCTGTCCATGTCGAGAATCTGGCGCGTCTGGCCAGCGGAT
AGACTTCAGCCAGGGTTCTGGGCTCCGAGGAGGAGGCGGCGGGGACCGAGGGCGACGCGCAGGAGTGG
CCGGGCGCGGGTCCAGCGCAGACCAGGACGACGAGGAAGGAGTGGTAAAATTTACGCTTCCCTTTGGC
CTTGGGACTCAGTGAGGAACAATTTGAGAAGTGCCTGACAGAGATGTGTCTCTATGATGTTCTCAG
TATTGTTAGGGATAAAAAATTTATGACTCTTGATCCTGTCTCTCAGGATGCACTTCTCCAAACAGAAT
CCTCAGACGTTGCAATTGATATCTAAAAAGAAGTCACTTGCTGGAGCAGCACAATCTTATTGAAGGGG
CAGAAAGACTGACTAAATCAGTTACGAAAACCAAGAAAACAAGTACAAAGAGACTTCAATTCTGAGCT
TTTGCGATTACGGCAACACTGAAACTTCGAAAAGTTGGAGATAAAATTTCTGGAGATCTGAGCTACAGA
AGTGCAGGATCTCTTTCTCATCATGGTACATTTGAAGTAATAAAGAATACAGATCTCGATCTGGATA
AAAAGATACCTGAAGATTACTGTCTCTTGATGTCCAAATTCCTAGTGATTTAGAGGGGTCTGCATATAT
CAAGGTTTCAATACAAAACAGGCTCCAGATATAGGTGACCTCGGCACAGTTAACCTCTTCAAACGACCT
TTGCCCAATCCAAACCAGGTTCCCACTTGGCAGACAAAATTAGAAGCGGCACAGAATGTTCTCTTAT
GTAAAGAAATTTTGCACAGCTCTCTCGGAAGCTGTTCAAATTAATACAAAGTCCCTCACATTGTGGT
GAAAAACCAGATTATCTCTCAGCCCTTTCCGAGCTTGCACTTATCTATTTCTTTGTGCCATTCTCAAAT
GATAAGAAATCCCAAAATTTGCTACTGAGAAGCAATGTCCGGAGGACCACCTTTATGCTCTAGAGCATA
ATTTGCATCTACTGATTAGAGAGTTTCATAACAGACCTTGAGTTCCATCATGATGCCTCATCCAGCAAG
TGCACCTTTTGGCACAAGAGAATGAGACTTTCGGGTCTCAAGCTTTTGATAAAATGAAATTAATTCA
TTACAGTCCAGTGAAGGGCTTCTGGAATAAATTAACAAGCAAGCATATTTTCTAAGGAGTAGAG
CTGCTGCAACCATTGACAGCTTAGCAAGCGAATTGAGGATCCTCAGATACAGGCTCATTGGTCAAATAT
CAATGATGTTTATGAATCTAGTGTGAAAGTTTTAATCACATCACAGGCTATGAACAAATATGCAAGTCC
ATTCAACTGCAATTGAATATTGGAGTTGAGCAGATTGAGTTGTACATAGAGATGGAAGAGTAATTACAC
TGTCTTATCAGGAGCAGGAGCTACAGGATTTCTCTGTCTCAGATGTCACAGCACCAGGTACATGCAGT
TCAGCAACTCGCAAGGTTATGGGCTGGCAAGTACTGAGCTTCAGTAATCATGTGGGACTTGACCTATA
GAGAGCATTGGTAATGCATCTGCCATCACGGTGGCCTCCCAAGTGGTGACTATGCTATTTCAAGTTCGTA
ATGGACCTGAAAGTGGCAGCAAGATTATGGTTCAGTTTCTCGTAACCAATGTAAGACCTTCCAAAAAG
TGATGTTTTACAAGATAACAAATGGAGTCATCTTCGTGGGCCATTCAAAGAAGTTCAGTGAATAAAATG
GAAGGTCGAAATTTGTTTATAAAATGGAGCTGCTTATGTCTGCAGTTAGCCCTTGTCTACTATGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004268 unedited

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NCCCGTTCAAATTTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACCAGCTTGCG
GTGCGTTCTGGGAAATTTGCTGGGCCAGCTCCTTTGTTTCCAGTCTGAGCGTTGCGTTTCGG
TTTCCCGAGGGTCTTCTGAGGCACCGCGCTGCGGGCTTCTGAGTTCCCGGCTCTCCGCA
GGGAAGCCTCCTCTTCTGACCTCGTTTTTTGGCTCGTGGGGGCTCCTCCACCGCTGGCC
GACGCAGCCAGCATGTCCGGGTGCGCGCAGTGCAGATCAGATCGAATCGGCCTGCGAG
AAGCAGGTCCATGAGGTGGGCTGGATGGCACCAGACGTACCTGCCCCGCTGTCCATG
TCGCAGAATCTGGCGCTGTGGCCAGCGGATAGACTTCAGCCAGGGTTCGGGCTCCGAG
GAGGAGGAGGCGCGGGGACCGAGGGGACGCGCAGGACTGGCCGGGCGCGGGTCCAGC
GCAGACCAGGACGACGAGGAAGGAGTGGTAAAATTTACGCTTCCCTTTGGCCTTGGGAC
TCAGTGAGGAACAATTTGAGAAGTGCCTGACAGAGATGTGTGTTCTCTATGATGTTCTC
AGTATTGTTAGGGATAAAAAATTTATGACTCTTGATCCTGTCTCTCAGGATGCACTTCT
CCAAAACAGAATCCTCAGACGTTGCAATTGATATCTAANAAGAAGTCACTTGCTGGAGCA
GCACANATCTTATTGAAGGGGCGAGAAAGACTGACTAAATCAGTTACCGAANACCAAGAA
AACAAAGCTACAAAGAGACTTCAATTCTGAGCTTTTTCGATTACGGCAACACTGGGAACT
TCGAAAGTTGGAGATAAAATTTCTCGAATCTGACTACAGAAGTGCAGATCTCTTTCTC
ATCAGGTACATT

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004268 unedited <pre>TCNATTTTTATCCTTTTTTTTTTTTTTTTTTAAAAAACACCTTCTTTATTTGATGTCAAC ATACAAAGGAAGGATTTTTTTAAAAACCACATAACCCCTTAAGTTAATAATTTTTAAA ACTGGATGAAAAACATATTATTTTACATGTTGTCCTACTGTTTCTACAACTGTTTATAA TCTTCTGCATTTAAACCACCTTGTCATTTATAAAGAGAAAAGTTTGAACTGCTAAAAAA ACTTTTCCTAATTATTATTTTAAAAAACACCCCTCTTTAGGAAATTATCTCTTCTTGGTG CTTATAGTTGATCTGCCAACATTTCAAGTCAAAGTTTCTGGAACTTCTTTAAGAAACAT CTGGAAAAAATCATAGAAAACGAGGGCTAACTGCAAACATAAGCTGCTCTTTTTATAAA CAAAATTTCCACCTTCCATTTTATTCCGCTGAACCTTCTTTGGATGGCCACGAAGATGAC TCCATTTGTTATCTTGAAAAACATCACTTTTAGGAAGGTCTCTTCGTTGGCTACGAAGAA ACTGAACCATATTCTTGCTGCCTCTTTGAGGTCCATTACCAGCTGTAATATCGTACCCAC CTCTTGAGGACGCCACCGTGAGGCAGATGCATTACCGATGCTCTCTATTGGTCTACTC CCACATGATTACTGAAGCTTAATTCTTGCCCGCCATAACCGTGANGAGTTGCTGAACTG GTTGTACCTGGTGTGACTTCTGAAAACAGAAATCATCCGCTACTCTGCTCCTGAT AAAACGTGTTATCTCCTCTCTCTTTTTGAACAACCTAGATTCTGCTCCACCCCATATTC AGTGCGGTG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_004268
Insert Size:	2750 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).
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:	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:	<u>NM_004268.3</u> , <u>NP_004259.3</u>
RefSeq Size:	3412 bp
RefSeq ORF:	1956 bp
Locus ID:	9440
UniProt ID:	<u>Q9NVC6</u>
Cytogenetics:	11q21
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. [provided by RefSeq, Jul 2008]