

Product datasheet for **SC326490**

TRIM45 (NM_001145635) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM45 (NM_001145635) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM45
Synonyms:	RNF99
Vector:	<u>pCMV6 series</u>

Fully Sequenced ORF: >NCBI ORF sequence for NM_001145635, the custom clone sequence may differ by one or more nucleotides

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ATGTCAGAAAACAGAAAACCGCTGCTGGGCTTTGTAAGCAAACCTCACTAGTGGGACTGCA
CTTGGAACTCAGGCAAGACTCACTGCCCTGTGCTTGGGGCTTTTCAAAGCCCCCAGG
CTCTTGCCTTGTTCATACAGTTTGCACCACGTGTCTGGAGCAGCTGGAGCCCTTCTCA
GTAGTGGACATCCGAGGGGGAGACTCTGACACAAGCTCTGAGGGTCAATATTCCAGGAA
CTCAAGCCACGAAGTCTGCAGTCGCAGATCGGCATCCTTTGTCCTGTATGTGATGCTCAG
GTGGACCTGCCATGGGTGGAGTGAAGGCTTTAACCATAGACCACCTGGCCGTGAATGAT
GTGATGCTGGAGAGCCTACGTGGGAAGGCCAGGGCCTGGTGTGTGACCTGTGCAACGAC
AGGGAAGTAGAGAAGAGGTGTCAGACCTGCAAAGCCAACCTCTGCCACTTCTGCTGCCAG
GCTCATAGGCGGCAAGAAGAAAACGACTTACCACACCATGGTGGACCTAAAAGACTTGAAA
GGCTACAGCCGGATTGGGAAGCCATCCTGTGCTCCTGTTACCCTGCAGAGGAACTGAGG
CTGTTCTGTGAGTTCTGTGACCGGCCCTGTGCCAGGATTGTGTGGTGGGGGAGCATCGG
GAACACCCTGTGACTTCACCAGCAATGTCATCCACAAGCATGGGACTCTGTGTGGGAG
CTCCTCAAAGGTACTCAGCCCCACGTGGAGGCCCTGGAGGAAGCCCTGGCTCAGATCCAC
ATAATAAACAGTGCCTCCAGAAGCGAGTGGAGGCAGTGGCAGCTGATGTCCGGACATTC
TCGGAGGGCTACATTAAGGCCATTGAGGAGCATCGGACAAGCTGCTGAAGCAGCTGGAA
GACATACGGGCCAGAAGGAAAATTCCTGCAGCTGCAGAAGGCCAGCTGGAACAGTTA
CTGGCAGACATGCGGACTGGAGTGGAGTTCACCGAGCACTTGTGACCAGCGGCTCAGAC
TTGGAGATCCTCATACCAAGAGGGTGGTGGTAGAACGGCTCAGGAAGCTGAACAAAGTT
CAATATAGCACCCGCTCCTGGAGTAAATGATAAGATACGCTTCTGTCTCAGGAGAAAGCA
GGCCAGTGCCTGGTATGAAATTTATGACCTCCACAGAGCCGGGAGAAAACAGACGGCC
TCTTTCACCTGCTTTGTAAGGATGCCGAGGAGAAATCATGGGCAGGGGAGGAGACAAC
GTTCAAGTTGCCGTTGTCCCTAAAGATAAGAAAGACAGCCAGTCAGAACAATGGTCCAG
GATAACAAGGATGGGACATACTACATTTCTACACCCCAAGGAACCTGGCGTCTATACT
GTGTGGTCTGCATCAAAGAACAGCATGTGCAGGCTCGCCATTCACTGTGATGGTGGAG
AGAAAGCACCCGCCACACTCAGGCGTGTTCCTGCTGCACCTTCTGCTCCAGCGGGGGC
CAGAAAACCGCTCGCTGCGCCTGTGGAGGCACCATGCCAGGTGGGTACCTAGGCTGTGGC
CATGGACACAAAGGCCACCCAGGTCACTCCCACTGGTCACTGTGTGAAAAATTTAATGAG
AAATCTGAATGCACATGGACAGGTGGGCAGAGCGCACCGAGGAGTCTACTTAGGACTGTG
GCTCTC
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Restriction Sites:	Please inquire
ACCN:	NM_001145635
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:	<u>NM_001145635.1, NP_001139107.1</u>
RefSeq Size:	3527 bp
RefSeq ORF:	1689 bp
Locus ID:	80263
UniProt ID:	<u>Q9H8W5</u>
Cytogenetics:	1p13.1
Gene Summary:	<p>This gene encodes a member of the tripartite motif family. The encoded protein may function as a transcriptional repressor of the mitogen-activated protein kinase pathway. Alternatively spliced transcript variants have been described.[provided by RefSeq, Mar 2009]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>