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Product datasheet for SC303825

TRIM10 (NM_006778) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM10 (NM_006778) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM10
Synonyms:	HERF1; RFB30; RNF9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC303825 representing NM_006778.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCTCTGCTGCCTCTGTGACCAGCCTGGCAGATGAAGTCAACTGCCCCATCTGTCAGGGTACCCTG
AGGGAGCCGGTCACTATCGACTGCGGCCACAACTTCTGCCGGGCCTGCCTTACCCGCTACTGTGAGATA
CCAGGCCCAGACCTGGAGGAGTCCCCTACTTGCCCACTCTGCAAAGAACCCTTCCGTCCTGGGAGCTTC
CGGCCCAACTGGCAGCTGGCTAACGTGGTGGAGAACATTGAGCGCCTCCAGCTGGTGTCCACACTGGGT
TTGGGAGAGGAGGATGTCTGCCAAGAGCACGGAGAGAAGATCTACTTCTTCTGTGAGGATGATGAGATG
CAGTTGTGCGTGGTGTGCCGGGAGGCTGGGGAGCACGCTACCCACACCATGCGCTTCCTGGAGGATGCA
GCGGCTCCCTATAGGGAACAAATCCATAAGTGTCTTAAATGTCTAAGAAAAGAGAGAGAGGAGATTCAA
GAAATCCAGTCAAGAGAAAATAAAAGGATGCAAGTCCTCCTGACTCAGGTGTCCACCAAGAGACAACAG
GTGATTTCTGAGTTCGCACACCTGAGGAAGTTTCTAGAGGAACAGCAGAGCATCCTCTTAGCACAATTG
GAGAGCCAGGATGGGGACATCTTGAGGCAACGGGATGAATTTGATTTGCTGGTTGCTGGGGAGATCTGC
CGGTTTAGTGCTCTTATTGAAGAACTGGAGGAGAAGAATGAGAGGCCAGCAAGGGAGCTCCTGACGGAC
ATCAGAAGCACTCTAATAAGATGTGAAACCAGAAAGTGCCGGAAACCGGTGGCTGTGTCGCCAGAGCTG
GGCCAGAGGATTCGGGACTTTCCCCAGCAGGCCCTCCCGCTGCAGAGGGAGATGAAGATGTTTCTGGAA
AAACTATGCTTTGAGTTGGACTATGAGCCAGCTCACATTTCTCTAGACCCTCAGACTTCCCACCCCAAG
CTCCTCTTGTCCGAGGACCACCAGCGAGCTCAGTTCTCCTACAAATGGCAGAACTCACCAGACAACCCC
CAACGTTTTGACCGGGCCACCTGTGTTCTGGCCCACACTGGCATCACAGGGGGGAGACACACGTGGGTG
GTGAGTATAGACCTGGCCCATGGGGGCAGCTGCACCGTGGGCGTGGTGAGCGAGGATGTGCAGCGGAAG
GGGGAGCTTCGGCTGCGGCCAGAGGAGGGGGTGTGGGCTGTGAGGCTGGCTTGGGGCTTCGTCTCGGCT
CTGGGCTCCTTCCCCACACGGCTGACCCTGAAGGAGCAGCCCCGGCAGGTGAGGGTGTCTCTTGACTAT
GAGGTGGGCTGGGTGACCTTCACCAACGCTGTCACCCGAGAGCCCATCTACACCTTCACTGCCTCCTTC
ACTAGGAAGGTCATTCCCTTCTTTGGGCTCTGGGGCCGAGGGTCCAGTTTCTCCCTGAGCTCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_006778

Insert Size: 1446 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:	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_006778.3
RefSeq Size:	3572 bp
RefSeq ORF:	1446 bp
Locus ID:	10107
UniProt ID:	Q9UDY6
Cytogenetics:	6p22.1
Protein Families:	Druggable Genome
MW:	55 kDa
Gene Summary:	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic bodies. Studies in mice suggest that this protein plays a role in terminal differentiation of erythroid cells. Alternate splicing of this gene generates two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) encodes isoform 1, which has a distinct C-terminus and is 86 aa longer than isoform 2. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments.