

Product datasheet for **SC308134**

CTAGE5 (MIA2) (NM_203355) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTAGE5 (MIA2) (NM_203355) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTAGE5
Synonyms:	CTAGE5; MEA6; MGEA; MGEA6; MGEA11; TALI
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_203355, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGAGCCCGGGTTACCCCTCAACCGTATTTGGGGCTGCTCCTGGAGGAGCTACGC
AGGGTTGTGGCAGCACTGCCTGAAGGTATGAGACCAGATTCTAATCTTTATGGTTTTCCA
TGGGAATTGGTGATATGTGCAGCTGTTGTTGGATTTTTGCTGTTCTCTTTTTTTTGTGG
AGAAGTTTTAGATCGGTTAGGAGTCGGCTTTATGTGGGACGAGAGAAAAAGCTTGCTCTA
ATGCTTTCTGGACTAATTGAAGAAAAAGTAACTACTTGAAAAATTTAGCCTTGTTCAA
AAAGAGTATGAAGGCTATGAAGTAGAGTCATCTTTAAAGGATGCCAGCTTTGAGAAGGAG
GCAACAGAAAGCACAAGTTTGGAGGCAACCTGTGAAAAGCTGAACAGGTCCAATTCTGAA
CTTGAGGATGAAATACTGTCTAGAAAAAGGTTAAAAGAAGAGAAATCCAAACATTCT
GAACAAGATGAATTGATGGCGGATATTTCAAAAAGGATACAGTCTCTAGAAGATGAGTCA
AAATCCCTCAAATCACAAGTAGCTGAAGCCAAAATGACCTTCAAGATATTTCAAATGAAT
GAAGAACGACTGAAGATAGCAATAAAAGATGCTTTGAATGAAAAATCTCAACTTCAGGAA
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GAAAGTACATCAAGACTCTGACTGAACGCTTGTTAAAGATGAAAGATTGGGCTGCTATG
CTTGAGAGAAGACATAACGGATGATGATAACTTGGAAATGAAAATGAACAGTGAATCGGAA
AATGGTGCTTACTTAGATAATCCTCCAAAAGGAGCTTTGAAGAACTGATTATGCTGCT
AAGTTAAATGCTTCTTTAAAAACCTTAGAAGGAGAAAAGAAACCAAATTTATATTCAGTTG
TCTGAAGTTGATAAAAACAAGGAAGAGCTTACAGAGCATATTAATAATCTTCAGACTGAA
CAAGCATCTTTCAGTCAGAAAAACACATTTTGAATAAGAAATGAAATGAACTCCACAGGAAATTA
AACTTAAGTAATGACTGAATTATATCAAGAAAATGAAATGAACTCCACAGGAAATTA
ACAGTAGAGGAAAAATTCGGTTAGAGAAAGAAGAGAACTTTCTAAAGTAGATGAAAAG
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AATCCTCTGGACCATCAGATTACCAATGAAAGAGGAGAATCAAGCTGTGATAGGTTAACC
GATCCTCATAGGGCTCCCTCTGACTGGGTCTCTGTACCTCCATGGGACCAGGACCGT
AGGATGATGTTTTCTCCGCCAGGACAATCATATCCTGATTGAGCCCTTCTCCACAAAGG
CAAGACAGATTTTGTCTAATTCTGGTAGACTGTCTGGACCAGCAGAAGTCAAGATTTT
AATATGCCTTCTTTGGATAAAATGGATGGGTCAATGCCTTCAGAAATGGAATCCAGTAGA
AATGATACCAAAGATGATCTTGGTAATTTAAATGTGCCTGATTCACTCTCCCTGCTGAA
AATGAAGCCACTGGCCCTGGCTTTGTTCTCCACCTCTTGCTCCAATCAGAGGTCATTG
TTTCCAGTGGATGCAAGAGGCCATTCTTGAGAAGAGGACCTCTTTCCCCCACCTCTCT
CCAGGAGCCATGTTTGGAGCTTCTCGAGATTATTTCCACCAGGGGATTTCCAGGTCCA
CCACCTGCTCCATTTGCAATGAGAAATGTCTATCCACCAGGGGTTTTCTCCTTACCTT
CCCCAAGACCTGGATTTTTCCCCCACCCACATTCTGAAGGTAGAAGTGAAGTCCCTT
TCAGTTTTGATTCCACCTTCAAATGAGCCTGCTACTGAACATCCAGAACCACAGCAAGAA
ACCTGA
    
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Restriction Sites: Please inquire

ACCN: NM_203355

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_203355.1 , NP_976230.1
RefSeq Size:	3723 bp
RefSeq ORF:	2286 bp
Locus ID:	4253
Cytogenetics:	14q21.1
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes s receptor in the endoplasmic reticulum, which plays a role in the export of large pre-chylomicrons and pre-very low density lipoproteins (pre-VLDLs). Three major classes of transcripts are generated from this gene- melanoma inhibitory activity 2-specific transcripts, cTAGE family member 5-specific transcripts and transcripts that include exons from both these transcript species (TANGO1-like or TALI). Additionally, alternative splicing in these transcripts results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Sep 2016]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon and uses an alternate in-frame splice junction at the 3' end of an exon compared to variant 6. It encodes isoform 3, which lacks two internal segments and is shorter, compared to isoform 6.</p>