

Product datasheet for **SC123836**

CD5 (NM_014207) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD5 (NM_014207) Human Untagged Clone
Tag: Tag Free
Symbol: CD5
Synonyms: LEU1; T1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014207 edited
 CCCGGCCAGACACCTCACCTGCGGTGCCAGCTGCCAGGCTGAGGCAAGAGAAGGCCA
 GAAACCATGCCATGGGGTCTCTGCAACCGCTGGCCACCTGTACCTGCTGGGGATGCTG
 GTCGCTTCTGCTCGGACGGCTCAGCTGGTATGACCCAGATTTCCAGGCAAGGCTCACC
 CGTTCCAACCTCGAAGTGCCAGGGCCAGCTGGAGGTCTACCTCAAGGACGGATGGCACATG
 GTTTGCAGCCAGAGCTGGGGCCGAGCTCCAAGCAGTGGGAGGACCCAGTCAAGCGTCA
 AAAGTCTGCCAGCGGCTGAACTGTGGGGTGCCCTTAAGCCTTGGCCCTTCTTGTACCC
 TACACACCTCAGAGCTCAATCATCTGCTACGGACAACCTGGGCTCCTTCTCCAACCTGCAGC
 CACAGCAGAAATGACATGTGCTACTCTCTGGGCTGACCTGCTTAGAACCCAGAAAGACA
 ACACCTCAACGACAAGGCCCGCCACCACAACCTCCAGAGCCACAGCTCCTCCAGG
 CTGCAGCTGGTGGCACAGTCTGGCGGCCAGCACTGTGCCGGCGTGGTGGAGTTCTACAGC
 GGCAGCCTGGGGGTACCATCAGCTATGAGGCCAGGACAAGACCCAGGACCTGGAGAAC
 TTCTCTGCAACAACCTCCAGTGTGGCTCCTTCTTGAAGCATCTGCCAGAGACTGAGGCA
 GGCAGAGCCCAAGACCCAGGGGAGCCACGGGAACACCAGCCCTTGCCAATCCAATGGAAG
 ATCCAGAACTCAAGCTGTACCTCCCTGGAGCATTGCTTCCAGGAAAATCAAGCCCCAGAAA
 AGTGGCCGAGTTCTTGCCTCCTTTGCTCAGGTTTCCAGCCAAAGGTGCAGAGCCGCTG
 GTGGGGGCGAGCAGCATCTGTGAAGGCACCGTGGAGGTGCGCCAGGGGGCTCAGTGGGCA
 GCCCTGTGTGACAGCTCTTCCAGCAGGAGCTCGCTGCGGTGGGAGGAGGTGTGCCGGGAG
 CAGCAGTGTGGCAGCGTCAACTCCTATCGAGTGTGGACGCTGGTACCCCAACATCCCGG
 GGGCTCTTCTGTCCCATCAGAAGCTGTCCAGTGCCACGAACTTTGGGAGAGAAATTCC
 TACTGCAAGAAGGTGTTTGTACATGCCAGGATCCAAACCCCGCAGGCTGGCCGCAAGG
 ACGGTGGCAAGCATCATCTGGCCCTGGTGTCTCTGGTGGTGTCTGGTGTGCTGCGGC
 CCCCTTGCTACAAGAAGCTAGTGAAGAAATCCGCCAGAAGAAGCAGCGCCAGTGGATT
 GGCCCAACGGGAATGAACAAAACATGTCTTCCATCGCAACCACAGGCAACCGTCCGA
 TCCCATGTGAGAACCCACAGCCTCCACGTGGATAACGAATACAGCCAACCTCCAGG
 AACTCCCGCTGTGAGCTTATCCAGCTCTGGAAGGGTTCTGCATCGCTCCTCCATGCAG
 CCTGACAACCTCCGACAGTACTATGATCTGCATGGGGCTCAGAGGCTGTAAAGAACT



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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:	<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_014207.2 , NP_055022.1
RefSeq Size:	3151 bp
RefSeq ORF:	1488 bp
Locus ID:	921
UniProt ID:	P06127
Cytogenetics:	11q12.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Hematopoietic cell lineage
Gene Summary:	<p>This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2016]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). The protein encoded represents an isoform found on the surface of T lymphocytes, B lymphocytes and thymocytes.</p>