

## Product datasheet for **SC337523**

### ADAM29 (NM\_001278125) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ADAM29 (NM_001278125) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAM29
Synonyms:	CT73; svph1
Vector:	<u>pCMV6 series</u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001278125, the custom clone sequence may differ by one or more nucleotides

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ATGAAGATGTTACTCCTGCTGCATTGCCTTGGGGTGTTCCTGTCCTGTTCTGGACACATCCAGGATGAGC
ACCCCAATATCACAGCCCTCCGGATGTGGTGATTCTGTGAGGATAACTGGCACCACCAGAGGCATGAC
ACCTCCAGGCTGGCTCCTATATCCTGCCCTTGGAGGCCAGAAACACATTATCCACATAAAGGTCAAG
AAGCTTTTGTTCACAAACACCTCCCTGTGTTACCTACACAGACCAGGGTGCTATCCTTGAGGACCAGC
CATTGTGCCAGAATAACTGCTACTATCATGTTATGTGGAAGGGGACCCAGAATCCCTGGTTTCCCTCAG
TACCTGTTTTGGGGTTTTCAAGGAATATTACAGATAAATGACTTTGCTTATGAAATCAAGCCCCTAGCA
TTTTCTACCACGTTTGAACATCTGGTATAACAAGATGGACAGTGAGGAGAAAACAATTTCAACCATGAGAT
CCGGATTTATGCAAAATGAAATAACATGCCAATGGAATTTGAAGAAATGATAATCCACTCAGAAGCA
AAGTCTTATGTGGGCTGGTGGATCCATTTTAGGATTGTTGAAATGTAGTCGTCATTGATAATTATCTG
TACATTCGTTATGAAAGGAACGACTCAAAGTTGCTGGAGGATCTATATGTTATTGTTAATATAGTGGATT
CCATTTTGGATGTCATTGGTGTAAAGTGTATTATTTGGTTTGGAGATCTGGACCAATAAAAACCTCAT
TGTAGTAGATGATGTAAGGAAATCTGTGCACCTGTATTGCAAGTGGAAAGTCGGAGAACATTACGCCCCGG
ATGCAACATGACACCTCACATCTTTTCACAACTCTAGGATTAAGAGGGTTAAGTGGCATAGGAGCTTTTA
GAGGAATGTGTACACCACACCGTAGTTGTGCAATTGTTACTTTTCAACAAAACCTTTGGGCACTTTTTC
AATTGCAGTGGCTCATCATCTAGGTCATAATTTGGGCATGAACCATGATGAGGATACATGTCGTTGTTCA
CAACCTAGATGCATAATGCATGAAGGCAACCCACCAATAACTAAATTTAGCAATTGTAGTTATGGTGATT
TTTGGGAATAACTGTAGAGAGGACAAAGTGTGCTTGAACAGTACACACAAAGGACATCTTTAATGT
GAAGCGCTGTGGGAATGGTGTGTTGAAGAAGGAGAAGAGTGTGACTGTGGACCTTTAAAGCATTGTGCA
AAAGATCCCTGCTGTCTGTCAAATGCACTCTGACTGATGGTTCTACTTGTGCTTTTGGGCTTTGTTGCA
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GTGCAATGGTACTTCCCATAAGTGCCCAGATGACTTTTATGTGGAAGATGGAATCCCTGTAAAGGAGAGG
GGCTACTGCTATGAAAAGAGCTGTGATGACCGCAATGAACAGTGTAGGAGGATTTTTGGTGCAGGCGCAA
ATACTGCAAGTGAGACTTGCTACAAAGAATTGAACACCTTAGGTGACCGTGTGGTCACTGTGGTATCAA
AAATGCTACATATAAAGTGTAATATCTCAGATGTCCAGTGTGGAAGAATTCAGTGTGAGAATGTGACA
GAAATCCCAATATGAGTGATCATACTACTGTGCATTGGGCTCGCTTCAATGACATAATGTGCTGGAGTA
CTGATTACCATTTGGGGATGAAGGGACCTGATATTGGTGAAGTGAAGATGGAACAGAGTGTGGGATAGA
TCATATATGCATCCACAGGCACTGTGCCATATAACCATCTTGAATAGTAATTGCTCACCTGCATTTTGT
AACAAAGAGGGGCATCTGCAACAATAAACATCACTGCCATTGCAATTATCTGTGGGACCCTCCAACCTGCC
TGATAAAAGGCTATGGAGGTAGTGTGACAGTGGCCACCCCCTAAGAGAAAGAAGAAAAAGAAAGTTCTG
TTATCTGTGATATTGTTGCTTATTGTTTTGTTATTTTATTATGTTGTCTTTATCGACTTTGTAAAAAA
AGTAAACCAATAAAAAAGCAGCAAGATGTTCAAACCTCCATCTGCAAAAAGAAGAGGAAAAAATTCAGCGTC
GACCTCATGAGTTACCTCCCAGAGTCAACCTTGGGTGATGCCTTCCCAGAGTCAACCTCCTGTGACGCC
TTCCCAGAGTCATCCTCAGGTGATGCCTTCCCAGAGTCAACCTCCTGTGACACCTCCCAGAGTCAACCT
CGGGTGTGCCTTCTCAGAGTCAACCTCCTGTGATGCCTTCCCAGAGTCATCCTCAGTTGACGCCCTCCC
AGAGTCAACCTCCTGTGACACCTCCCAGAGGCAACCTCAGTTGATGCCTTCCCAGAGTCAACCTCCTGT
GACGCCCTCCTAG
    
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001278125

**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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001278125.1, NP_001265054.1</u>
<b>RefSeq Size:</b>	3386 bp
<b>RefSeq ORF:</b>	2463 bp
<b>Locus ID:</b>	11086
<b>UniProt ID:</b>	<u>Q9UKF5</u>
<b>Cytogenetics:</b>	4q34.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene is highly expressed in testis and may be involved in human spermatogenesis. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, 4, 5, 6, and 7 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>