

Product datasheet for **SC325342**

ADAM29 (NM_001130704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAM29 (NM_001130704) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAM29
Synonyms:	CT73; svph1
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001130704, the custom clone sequence may differ by one or more nucleotides

```

ATGAAGATGTTACTCCTGCTGCATTGCCTTGGGGTGTCTCTGCCTGTTCTGGACACATC
CAGGATGAGCACCCCAATATCACAGCCCTCCGGATGTGGTGATTCTGTGAGGATAACT
GGCACCACAGAGGCATGACACCTCCAGGCTGGCTCTCTATATCCTGCCCTTTGGAGGC
CAGAAACACATTATCCACATAAAGGTCAAGAAGCTTTTGTTCACAAACCTCCCTGTG
TTCACCTACACAGACAGGGTGCTATCCTTGAGGACCAGCCATTGTCCAGAATAACTGC
TACTATCATGGTTATGTGGAAGGGGACCCAGAATCCCTGGTTTCCCTCAGTACCTGTTT
GGGGGTTTTCAAGGAATATTACAGATAAATGACTTTGCTTATGAAATCAAGCCCCTAGCA
TTTTCTACCACGTTTGAACATCTGGTATACAAGATGGACAGTGAGGAGAAACAATTTTCA
ACCATGAGATCCGATTTATGCAAAATGAAATAACATGCCGAATGGAATTTGAAGAAAT
GATAATTCACCTCAGAAGCAAAGTTCTTATGTGGGCTGGTGGATCCATTTTAGGATTGTT
GAAATTGTAGTCGTCATTGATAATTATCTGTACATTGTTATGAAAGGAACGACTCAAAG
TTGCTGGAGGATCTATATGTTATTGTTAATATAGTGGATTCCATTTTGGATGTCATTGGT
GTAAAGGTGTTATTATTTGGTTTGGAGATCTGGACCAATAAAACCTCATTGTAGTAGAT
GATGTAAGGAAATCTGTGCACCTGTATTGCAAGTGGAAGTCGGAGAACATTACGCCCCGG
ATGCAACATGACACCTCACATCTTTTCACAACTCTAGGATTAAGAGGGTTAAGTGGCATA
GGAGCTTTTAGAGGAATGTGTACACCACACCGTAGTTGTGCAATTGTTACTTTTATGAAC
AAACTTTGGGCACTTTTCAATTGCAGTGGCTCATCTAGGTGATAATTTGGGCATG
AACCATGATGAGGATACATGTCTTGTTCACAACCTAGATGCATAATGCATGAAGGCAAC
CCACCAATAACTAAATTTAGCAATTGTAGTTATGGTGATTTTGGGAATATACTGTAGAG
AGGACAAAGTGTGTGCTTGAAGACGTACACACAAGGACATCTTAATGTGAAGCGCTGT
GGGAATGGTGTGTGTTGAAGAAGGAGAAGAGTGACTGTGGACCTTTAAAGCATTGTGCA
AAAGATCCCTGCTGTCTGTCAAATTGCACTCTGACTGATGGTTCTACTTGTGCTTTTGGG
CTTTGTTGCAAAGACTGCAAGTTCCTACCATCAGGGAAGTGTGTAGAAAGGAGGTCAAT
GAATGTGATCTCCAGAGTGGTGAATGGTACTTCCATAAGTGCCAGATGACTTTTAT
GTGGAAGATGGAATTCCTGTAAAGGAGAGGGGCTACTGCTATGAAAAGAGCTGTCATGAC
CGCAATGAACAGTGTAGGAGGATTTTGGTGCAGGCGCAAATACTGCAAGTGAGACTTGC
TACAAAGAATTGAACACCTTAGGTGACCGTGTGGTCACTGTGGTATCAAAAATGCTACA
TATATAAAGTGAATATCTCAGATGTCCAGTGTGAAGAATTGAGTGTGAGAATGTGACA
GAAATTCCTAATATGAGTGATCATACTACTGTGCATTGGGCTCGCTTCAATGACATAATG
TGCTGGAGTACTGATTACCATTTGGGGATGAAGGACCTGATATTGGTGAAGTGAAGAT
GGAACAGAGTGTGGGATAGATCATATATGCATCCACAGGCACTGTGTCCATATAACCATC
TTGAATAGTAATTGCTCACCTGCATTTTGTAAAGAGGGGCACTGCAACAATAAACAT
CACTGCCATTGCAATTATCTGTGGGACCTCCCAACTGCCTGATAAAAGGCTATGGAGGT
AGTGTGACAGTGGCCACCCCTAAGAGAAAGAGAAAGAAAGTCTGTTATCTGTGT
ATATTGTTGCTTATTGTTTTGTTATTTTATTATGTTGTCTTTATCGACTTTGAAAAAA
AGTAAACCAATAAAAAAGCAGCAAGATGTTCAAACCTCATCTGCAAAAGAGAGGAAAAA
ATTCAGCGTCGACCTCATGAGTTACCTCCCAGAGTCAACCTTGGGTGATGCCTTCCCAG
AGTCAACCTCCTGTGACGCCTTCCCAGAGTCATCCTCAGGTGATGCCTTCCCAGAGTCAA
CCTCCTGTGACACCTCCCAGAGTCAACCTCGGGTGTGCTTCTCAGAGTCAACCTCCT
GTGATGCCTTCCCAGAGTCATCCTCAGTTGACGCCTTCCCAGAGTCAACCTCCTGTGACA
CCCTCCCAGAGGCAACCTCAGTTGATGCCTTCCCAGAGTCAACCTCCTGTGACGCCTCC

```

Restriction Sites: Please inquire

ACCN: NM_001130704

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:	<u>NM_001130704.1</u> , <u>NP_001124176.1</u>
RefSeq Size:	3219 bp
RefSeq ORF:	2463 bp
Locus ID:	11086
UniProt ID:	<u>Q9UKF5</u>
Cytogenetics:	4q34.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	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] Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, 4, 5, 6, and 7 encode the same protein.