

Product datasheet for **SC325341**

ADAM29 (NM_001130703) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAM29 (NM_001130703) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAM29
Synonyms:	CT73; svph1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001130703 edited
 AGGCCACCATGAAGATGTTACTCCTGCTGCATTGCCTGGGGTGTTCCTGTCCTGTTCT
 GGACACATCCAGGATGAGCACCCCAATATCACAGCCCTCCGGATGTGGTGATTCCCTGTG
 AGGATAACTGGCACCACCAGAGGCATGACACCTCCAGGCTGGCTCCTATATCCTGCC
 TTTGGAGGCCAGAAACACATTATCCACATAAAGGTCAAGAAGCTTTTGTTCCTCAACAC
 CTCCTGTGTTACCTACACAGACCAGGGTGTATCCTTGAGGACCAGCCATTGTCCAG
 AATAACTGCTACTATCATGGTTATGTGGAAGGGGACCCAGAATCCCTGGTTCCCTCAGT
 ACCTGTTTTGGGGTTTTCAAGGAATATTACAGATAAATGACTTTGCTTATGAAATCAAG
 CCCCTAGCATTTTCTACCACGTTTGAACATCTGGTATACAAGATGGACAGTGAGGAGAAA
 CAATTTTCAACCATGAGATCCGGATTTATGCAAAATGAAATAACATGCCGAATGGAATTT
 GAAGAAATTGATAATCCACTCAGAAGCAAAGTCTTATGTGGGCTGGTGATCCATTTT
 AGGATTGTTGAAATTGTAGTCGTCATTGATAATTATCTGTACATTCGTTATGAAAGGAAC
 GACTCAAAGTTGCTGGAGGATCTATATGTTATTGTTAATATAGTGGATTCCATTTTGGAT
 GTCATTGGTGTTAAGGTGTTATTATTTGGTTTGGAGATCTGGACCAATAAAAACCTCATT
 GTAGTAGATGATGAAGGAAATCTGTGCACCTGTATTGCAAGTGAAGTCGGAGAACATT
 ACGCCCCGGATGCAACATGACACCTCACATCTTTTCACAACTCTAGGATTAAGAGGGTTA
 AGTGGCATAGGAGCTTTAGAGGAATGTGTACACCACACCGTAGTTGTGCAATGTTACT
 TTCATGAACAAAACCTTTGGGCACCTTTTCAATTGCAGTGGCTCATCATCTAGGTCATAAT
 TTGGGCATGAACCATGATGAGGATACATGTCGTTGTTCAACCTAGATGCATAATGCAT
 GAAGGCAACCCACCAATAACTAAATTTAGCAATTGTAGTTATGGTGATTTTTGGGAATAT
 ACTGTAGAGAGGACAAAGTGTGTTGCTTGAACAGTACACACAAAGGACATCTTTAATGTG
 AAGCGCTGTGGGAATGGTGTGTTGAAGAAGGAGAAGAGTGTGACTGTGGACCTTTAAAG
 CATTGTGCAAAAAGATCCCTGTCTGTCAAATTGCACTCTGACTGATGGTTCTACTTGT
 GCTTTTGGGCTTTGTTGCAAGACTGCAAGTTCCTACCATCAGGGAAGTGTGTAGAAAG
 GAGGTCAATGAATGTGATCTCCAGAGTGGTGAATGGTACTTCCATAAGTGCCAGAT
 GACTTTTATGTGGAAGATGGAATCCCTGTAAGGAGAGGGGCTACTGCTATGAAAAGAGC
 TGTGATGACCGCAATGAACAGTGTAGGAGGATTTTGGTGCAGGCGCAAACTACTGCAAGT
 GAGACTTGCTACAAGAATTGAACACCTTAGGTGACCGTGTGGTCACTGTGGTATCAA
 AATGCTACATATAAAGTGTAATATCTCAGATGTCCAGTGTGGAAGAATTCAGTGTGAG
 AATGTGACAGAAATCCCAATATGAGTGTACTACTGTGCATTGGGCTCGCTTCAAT
 GACATAATGTGCTGGAGTACTGATTACCATTTGGGGATGAAGGGACCTGATATTGGTGAA
 GTGAAAGATGGAACAGAGTGTGGGATAGATCATATATGCATCCACAGGCACTGTGCCAT
 ATAACCATCTGAATAGTAATTGCTCACCTGCATTTTGTAAACAAGAGGGGCATCTGCAAC
 AATAAACATCACTGCCATTGCAATTATCTGTGGGACCCTCCCACTGCCTGATAAAAGGC
 TATGGAGGTAGTGTGACAGTGGCCACCCCTAAGAGAAAGAAGAAAAAGAAAGTTCTGT
 TATCTGTGTATATTGTTGCTTATTGTTTTGTTTATTTTATTATGTTGTCTTTATCGACTT
 TGTAATAAAAGTAAACCAATAAAAAAGCAGCAAGATGTTCAAACCTCCATCTGCAAAAGAA
 GAGGAAAAAATTCAGCGTCGACCTCATGAGTTACCTCCCAGAGTCAACCTTGGGTGATG
 CCTTCCCAGAGTCAACCTCCTGTGACCCCTCCCAGAGTCAACCTCGGGTGTGCCTTCTCAGAGT
 CAGAGTCAACCTCCTGTGACACCCTCCCAGAGTCAACCTCGGGTGTGCCTTCTCAGAGT
 CAACCTCCTGTGATGCCTTCCCAGAGTCACTCCTCAGTTGACGCCTTCCCAGAGTCAACCT
 CCTGTGACACCCTCCCAGAGGCAACCTCAGTTGATGCCTTCCCAGAGTCAACCTCCTGTG
 ACGCCCTCCTAGGGCCTCATGGGCCAGCTTTCTTGATC

Restriction Sites: Please inquire
ACCN: NM_001130703
Insert Size: 2500 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001130703.1.
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:	<u>NM_001130703.1, NP_001124175.1</u>
RefSeq Size:	3244 bp
RefSeq ORF:	2463 bp
Locus ID:	11086
UniProt ID:	<u>Q9UKF5</u>
Cytogenetics:	4q34.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<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 (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, 4, 5, 6, and 7 encode the same protein.</p>