

Product datasheet for **SC125759**

ADAM30 (NM_021794) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAM30 (NM_021794) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAM30
Synonyms:	svph4
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_021794 edited

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AGACTGAGCCCTGGGAGGCTACGGGCTCCCCGGAAACCTGCCAGGGGAGCCGGGTTTT
GAGCTCAGGCGCCTCTAGCGGCGGCCCCAGAAATCTGACTCGCGAGGCCAGAGTTGCAG
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ACCATGCTATTCAAGGTATAGTCTTGTCTCAGAAATCCAGGGAACAAAGCAATTGTCT
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GATCAATAAATGCCGACAACACAAAAAATTTTTTTTTT

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_021794 unedited GAGCCTTGATTTTGTAAACGACTTCACTATGAGGGCGGCCGCGTAATTCGATCTGGTAC CGGGCCCCCCTCGAAGATCAGGCCCTTATGGCCGGATCCAGCGCTGGAGAGTTTTTTTT TTTTTTTGTGTTGTCGGCATTATTGATCAGCATGGGTGCAGGTGCGGAGGTTACATGG ATCAAGTTGAGGGAGGCAGAGGGAGAGGCAGACAATTGCTTTGTTCCCTGGGATTCTGAG AAACAAGACTATACCTTGAATAGCATGGTAATTCTAGGAACTCACTACTTTCAGAGCTT TAGTGTATGGAAGCCATTAGAGCATGATTCTCAGAATACCCACAACCTGGTCACAAAC TGAGGGGCAAGTGAACACTCGAGAAGTAGAATGCACTGGTTTGTTCAAAACAAGAATG CTGTTTATTTGCTGATCAAACTTGTGGGAAAAATTAAGTAAAAAATATTGGGAGAAG AATGGAAGCCTTTGGATAAATGATTAGCTGGTTAAATAAATGAGCCTGTGTACTGAAT GAGTATGGATTGCCCGTTACTTTTTTTGTTCTTGACACTCTTGTCTTGGGTCGTTCA CTTTCAATGTTGCTTTAGATTCTTCTGTCCAGTTTTTGCTTTAGATTCTTCTGTCCA GTTTTTGCTTCAGATTCTTCTGTCCAGTTTTTGTTTTAGATTCTTCTGTACAGTTTTT GTTTTAGATTCTTCTGTTCAGTTTTTGCTTTGGATAGTGGCATTTCCTGTTTGGGT TTTTAGTGGTTTCTATCACTTGCCCGGANAACACAAAACCACTGAAAGGATTAATAAA TANGGCGAAACATTATGATGGACACAACCAATTGACGAGGGAATCGCCCTCTGAGCAG TCCTGGGAGCCCACTGTCAATGCTTNCATACCCCACTTTCTNACAGAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_021794
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:	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_021794.2</u> , <u>NP_068566.2</u>
RefSeq Size:	2972 bp
RefSeq ORF:	2373 bp
Locus ID:	11085
UniProt ID:	<u>Q9UKF2</u>
Cytogenetics:	1p12
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. This gene is testis-specific and contains a polymorphic region, resulting in isoforms with varying numbers of C-terminal repeats. [provided by RefSeq, Jul 2008]