

Product datasheet for **SC123200**

ADAM32 (NM_145004) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAM32 (NM_145004) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAM32
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_145004 edited
TCTTCCCAACGGCTTCCCCTGGCAGCCCCGAAGCCGCACCATGTTCCGCCTCTGGTTGC
TGCTGGCCGGCTCTGCGGCCTCCTGGCGTCAAGACCCGGTTTTCAAATTCACCTTCTAC
AGATCGTAATCCAGAGAAAAATCCAAACAAATACAAATGACAGTTCAGAAATAGAATATG
AACAAATATCCTATATTATCCAATAGATGAGAACTGTACACTGTGCACCTTAAACAAA
GATATTTTTTAGCAGATAATTTTATGATCTATTTGTACAATCAAGGATCTATGAATACTT
ATTCTTCAGATATTCAGACTCAATGCTACTATCAAGGAAATATTGAAGGATATCCAGATT
CCATGGTCACACTCAGCAGTGTCTGGACTAAGAGGAACTGCAATTTGAAAAATGTTT
CTTATGGAATTGAGCCTCTGGAATCTGCAGTTGAATTTAGCATGTTCTTTACAAATTA
AGAATGAAGACAATGATATTGCAATTTTTATTGACAGAAGCCTGAAAGAACAACCAATGG
ATGACAACATTTTTATAAGTGAAAAATCAGAACCAGCTGTTCCAGATTTATTTCTCTTT
ATCTAGAAATGCATATTGTGGTGGACAAAATTTGTATGATTACTGGGGCTCTGATAGCA
TGATAGTAACAAATAAAGTCATCGAAATGTTGGCCTTGCAAATCAATGTTACCCCAAT
TTAAAGTTACTATTGTGCTGTCATCATTGGAGTTATGGTCAGATGAAAAAAGATTTCTA
CAGTTGGTGAGGCAGATGAATTATTGCAAAAATTTTTAGAATGGAACAATCTTATCTTA
ACCTAAGGCCTCATGATATTGCATATCTACTAATTTATATGGATTATCCTCGTTATTTGG
GAGCAGTGTTCCTGGAACAATGTGTATTACTCGTTATTTCTGCAGGAGTTGCATTGTACC
CCAAGGAGATAACTCTGGAGGCATTTGCAGTTATTGTCACCCAGATGCTGGCACTCAGTC
TGGGAATATCATATGACGACCCAAAGAAATGTCAATGTTGAGAATCCACCTGTATAATGA
ATCCAGAAGTTGTGCAATCCAATGGTGTGAAGACTTTTAGCAGTTGCAGTTTGAGGAGCT
TTCAAATTTTCAATTTCAAATGTGGGTGTCAAATGTCTTCAGAATAAGCCACAATGCAAA
AAAAATCTCCGAAACAGTCTGTGGCAATGGCAGATTGGAGGGAAATGAAATCTGTGATT
GTGGTACTGAGGCTCAATGTGGACCTGCAAGCTGTTGTGATTTTGAAGTTGTGTACTGA
AAGACGGAGCAAAATGTTATAAAGGACTGTGCTGCAAAGACTGTCAAATTTTACAATCAG
GCGTTGAATGTAGCCGAAAGCACATCCTGAATGTGACATCGCTGAAAATTTGTAATGGAA
GCTCACCAGAATGTGGTCTGACATAACTTTAATCAATGGACTTTTATGCAAAAAATAATA
AGTTTTATTTGTTATGACGGAGACTGCCATGATCTCGATGCACGTTGTGAGAGTGTATTTG
GAAAAGGTTCAAGAAATGCTCCATTTGCCTGCTATGAAGAAATACAATCTCAATCAGACA
GATTTGGAACTGTGGTAGGGATAGAAAATAACAAATATGTGTTCTGTGGATGGAGGAATC
TTATATGTGGAAGATTAGTTTGTACCTACCTACTCGAAAGCCTTTCCATCAAGAAAATG
GTGATGTGATTTATGCTTTCGTACGAGATTCTGTATGCATAACTGTAGACTACAAATTCG
CTCGAACAGTTCAGATCCACTGGCTGTCAAAAATGGCTCTCAGTGTGATATTGGGAGGG
TTTGTGTAATCGTGAATGTGTAGAATCAAGGATAAATTAAAGCTTCAGCAGATGTTTGT
CACAACAGTGTCTGGACATGGAGTGTGTGATTCCAGAAACAAGTGCCATTGTTCCGCCAG
GCTATAAGCCTCCAAACTGCCAAATACGTTCCAAAGGATTTTCCATATTTCTGAGGAAG
ATATGGTTCAATCATGGAAAGAGCATCTGGGAAGACTGAAAACACCTGGCTTCTAGGTT
TCCTCATTGCTCTTCTATTCTCATTGTAACAACCGCAATAGTTTTGGCAAGGAAACAGT
TGAAAAAGTGGTTCGCCAAGGAAGAGGAATTCCTAAGTAGCGAATCTAAATCGGAAGGTA
GCACACAGACATATGCCAGCCAATCCAGCTCAGAAGGCAGCACTCAGACATATGCCAGCC
AAACCAGATCAGAAAGCAGCAGTCAAGCTGATACTAGCAAAATCCAAATCAGAAGATAGTG
CTGAAGCATATACTAGCAGATCCAAATCACAGGACAGTACCCAAACACAAAGCAGTAGTA
ACTAGTGATTCCTTCAGAAGGCAACGGATAACATCGAGAGTCTCGCTAAGAAATGAAAAAT
TCTGTCTTTCCTTCCGTGGTCACAGCTGAAAGAAACAATAAATTGAGTGTGGATCAATTT
GCAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145004 unedited NNAGGTTCCGNCATTTGTNATACGACTCCTATAGGCGGCCGCATAACTTCGTATAGCATAAC ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGTCT TCCCAACGGCTTCCCGCTGGCAGCCCCGAAGCCGCACCATGTTCCGCCTCTGGTTGCTGC TGGCCGGGCTCTGCGCCTCCTGGCGTCAAGACCCGTTTTCAAATTCACCTTCTACAGA TCGTAATTCAGAGAAAAATCAAACAAATACAAATGACAGTTTCAGAAATAGAATATGAAC AAATACCTATATTTTCCAATAGATGAGAAACTGTACACTGTGCACCTTAAACAAGAT ATTTTTAGCAGATAATTTTATGATCTATTTGTACAATCAAGGATCTATGAATACTTATT CTTCAGATATTCAGACTCAATGCTACTATCAAGGAAATATTGAAGGATATCCAGATTCCA TGGTCACACTCAGCACGTGCTCTGGACTAAGAGGAATACTGCAATTTGAAAATGTTTCTT ATGGAATTGAGCCTCTGGAATCTGCAGTTGAATTCAGCATGTTCTTTACAAATTAAGA ATGAAGACAATGATATTGCAATTTTTATTGACAGAAGCCTGAAAGAACAACCAATGGATG ACAACATTTTTATAAGTGAAAAATCAGAACCAGCTGTTCCAGATTTATTTCTCTTTATC TAGAAATGCCTATTGGGGTGGACAAAACCTGGATGATTACTGGGGCTCCGATACCAGATA GTAACAAATAAAGGTATCGAAATTTGGTGGCCTTGCAAATTCAGGGTCACCCATTTAAAG TTACCATGGGCCCTCATTGGAGTTATGGCAAAGAAAATAAATTCGCCGTCGCGG
Restriction Sites:	Please inquire
ACCN:	NM_145004
Insert Size:	2543 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).
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_145004.4 , NP_659441.2
RefSeq Size:	2707 bp
RefSeq ORF:	2361 bp
Locus ID:	203102
UniProt ID:	Q8TC27
Cytogenetics:	8p11.22
Protein Families:	Protease, Transmembrane

Gene Summary:

This gene encodes a member of the disintegrin family of membrane-anchored proteins that play a role in diverse biological processes such as brain development, fertilization, tumor development and inflammation. This gene is predominantly expressed in the testis. The encoded protein undergoes proteolytic processing to generate a mature polypeptide comprised of an metalloprotease, disintegrin and epidermal growth factor-like domains. This gene is located in a cluster of other disintegrin and metallopeptidase family genes on chromosome 8. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).