

Product datasheet for **MC220567**

Adam26a (NM_010085) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam26a (NM_010085) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam26a
Synonyms:	Adam; Adam26; Dtgn; Dtgn4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220567 representing NM_010085
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTTAAGTTCTGCCTGTGGACGATGTTCTTCTCTGTCATGGTCACCAATTGGACATGCTAAGT
 ACAGTAGCCTTCTAGAAGTAGTGACACCTTGAGGGTCACTGTCAGAGGAAATAATATTTACCAGG
 TTGGCTGTCCTATAGCCTGAACATTGGGGGCGAGAGGCACATAATCACTATGAAACCCAAGAAAACTTG
 ATATCCAGAACTTCTTATTATTCATTATAGTGACCAAGGTGATCTCCTGAACAACACCATTTTGTGC
 AGAATGACTGCTATTACCATGGCTATGTGGATGAAGACCTAGAGTCCCCGGTCATTGTCAACACCTGTTT
 TGGAAAGTTTGAAGGCACACTAGAGATAAATGGCACAAGTTATGAAATCATGCCCAAGAGCTCAACGTCA
 ACATTTGAACATCTGGTTTACAAAATGGACAGTGGGGATTCAGAATCATCTCCCATGAGATGTGGGTTAT
 CAGAAGAGGAAACAGCACAACAAACGAAGCTACAAGAAAGCAATGCCCCACACTTTTACAAATTCCTA
 TGAGAATTGGTGGACCCACCACAGTTTATTGAATATTTGTAGTACTAGACCATAAACAATATGTTTCAT
 AGAAATAACAATATCACAACTTGATTCAAGATATGTTGCAAAATAGTCAATGGAGTAAATGGTTATTATC
 TTCAAATAGATACTGATGTGGTTTTAACCACTCTTGAAGTATGGAATGAAAAAACTATATCAATGTAGA
 ACTCAGTATATTTAAAGTCCTTGGTGATTTCTGTACTTGAAGCAAAACATGTTTGGCAATCGCATTAGA
 CATGATATCATACACCTTTTATGTCAGACAGGGATATGGTTTATTTAGGGTTAGCTTATTTAGCTGACG
 TTTGTACACCTTATAATTGTGGAGTTAGCAGTGTCTTCTGTGATGTAATGTCAGACATGGCACACATTGT
 AGCACACGAGATGGGGCATAAATTCGGTATGAAACATGATGGAATTGGATGTAATGTTGGGTTAAAGAC
 TGTCTAATGGCCCATATAAAACAAATTCTCCAAATTCAGCACTAGTAACAAACCTGACCGTGTGTGGGAA
 TAAGGTGGTTGAAGAAGGAGAGCAGTGTGATTGTGGGAACTCTGAATCCTGTTTACAAGATCCTTGCTGT
 AGCAGCGACTGTGTTCTCAAACCTGGTGCTCAATGTGCTTTTGGACTTTGTTGCAAAAAATTGCCAGTTCC
 TTAAGCAGGCACTGTGTGTAGAAAAGAGAAAAATGAGTGTGACCTTCCAGAGTGGTGCAATGGAATTC
 AGCTGAGTGTCCAGGAGATGTGTATAAAGCAGACGGAATCCCTTGCAGTGGTGAGGGCTATTGCTATAAA
 ATGGAATGTCATCAACGTGATGAGCAGTGTGGAAGATTTTGGCAATGGAAGTAGAAGTGCAGATGAAA
 TTTGCTACATGGAATGAACAGACAGGGTGACCGCTTTGGGAACTGTGGCAATGATAGCTCTACATAG
 AACATGCCAAATTGCTGATGTACTCTGTGGCAAATTCAGTGTGAGAATGTGATACAACTCCCCAAAGG
 AGAAACCATGAAACAGTGCATTATACTCACTTCAGTAATATCACCTGCTGGACTATGGACTATCATTTTG
 GGATCACCATAGATGATATTGGAGCTGTGAGCGATGGCACAGCTTATGCTCCAGACCATATATGTGTTGA
 CAGAAAGTGTGTGAGCAAGTCTGTTCTGGTAAGTAACTGTTACACACAGTTATACCATATGCAAGGAATC
 TGCAATAATAACAACACTGCCATTGTGGTGTACATGGAACCACCAGACTGTCAAAACGTGGCCATG
 GAGGTAGTATAGACAGTGGACCCTCCATTGCCTTTATCTCATTCCAAATGGATTGTGTACATCCTTAT
 TGTTTTAGATGTGTGATTGTTATCATAATTTATTTATTTCTTTTATAAGTTAAGCAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010085

Insert Size: 2094 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_010085.3, NP_034215.2</u>
RefSeq Size:	2494 bp
RefSeq ORF:	2094 bp
Locus ID:	13525
UniProt ID:	<u>Q9R158</u>
Cytogenetics:	8 A4
Gene Summary:	This gene encodes a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. This gene is expressed in a regulated fashion during the late stages of spermatogenesis. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional metalloprotease enzyme. This gene is located adjacent to two other ADAM genes on chromosome 8. [provided by RefSeq, May 2016]