

Product datasheet for **MC203037**

Adam8 (NM_007403) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam8 (NM_007403) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam8
Synonyms:	ADAM 8; CD156; CD156a; E430039A18Rik; MS; MS2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC025584
 CCACGCGTCCGCCAGGCCAGTGATGAAGAGAGTACTTTGTGGAACCTCTAGGGTTAGTGTGCTCCAGATC
 CCATCATGCTTGGCCTCTGGCTGCTCAGCGTCTTATGGACACCAGTAGCCCCTGGACCTCCTTTGCCCA
 TGTGAAACAGTATGAAGTGGTTTGGCCTCGGCCCTAGCTGCATCCCGCTCCCGCAGAGCCCTGCCCTCC
 CACTGGGGCCAGTACCCAGAGAGTCTGAGCTATGCTCTTGGGACCAGCGGGCACGTTTTCCACCTGCACC
 TTCGAAAGAACAGGGACCTGCTGGGCTCAAGCTACACAGAGACCTACTCAGCTGCCAATGGCTCTGAGGT
 GACAGAGCAACTGCAGGAGCAGGACCATTGCCTCTACCAAGGCCATGTGGAAGGGTACGAGGGCTCAGCT
 GCCAGTATTAGCACCTGTGCTGGCCTCAGGGGCTTTTTCCGAGTTGGGTCCACTGTCCACTTGATTGAGC
 CTCTGGATGCTGATGAAGAGGGGCAACATGCGATGTATCAGGCAAAGCATCTGCAACAGAAGGCTGGGAC
 CTGTGGGGTCAAAGATACCAACCTGAATGACCTAGGGCCTCGGGCATTAGAAATATACAGGGCTCAGCCA
 CGGAACTGGTGATACCCAGAGAAACCCGCTATGTGGAGTTGTATGTGGTTGCAGACAGCCAAGAGTTCC
 AGAAGTTGGGAGCAGAGAGGGCCGTGCGCCAGCGAGTGTGGAGTTGTAACCACGTGGACAAGCTTTA
 TCAGGAACTCAGTTTCCGAGTTGCTCTGGTGGCCTGGAGATCTGGAACAAGGACAAATTCTACATCAGC
 CGCTATGCCAACGTGACACTGGAGAACTTCTTGTCTGGAGGGAACAGAATTGCAAGGGCAGCACCCAC
 ATGACAACGTGCAACTTATCACGGGGTGTATTTTCATTGGGAGCACTGTTGGACTGGCTAAGGTGTCTGC
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 GTGTAGCAAGATTGACCTAGAGTCATTCGTGACAAAACCCAGACAGGCTGCCTGACCAATGTTCCAGAT
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 GCACTCCCTGCCAGGGGCTACTGCTTTGATGGGAGCTGTCCACCCTGGCACAGCAGTGCCGGGATCT
 GTGGGGGCCAGGTGCTCGGGTAGCAGCCGACTCCTGCTATACCTTTAGCATCCCTCCGGGCTGCAATGGG
 AGGATGTACTCTGGCAGGATCAACCGGTGTGGAGCGCTGTACTGTGAGGGAGGCCAGAAGCCCTTGAAC
 GCTCCTTCTGCACCTTCTCCTCCAACCATGGAGTCTGCCATGCTCTTGGCACAGGAGCAACATTGACAC
 CTTTGAGCTGGTATTGCAGGGCACCAAGTGCAGGAGGGAAAGTTTGCATGGATGGAAGCTGCCAGGAC
 CTCCGTGTATACAGATCTGAAAACCTGCTCTGCTAAATGCAACAACCATGGGGTATGCAACCACAAGAGGG
 AGTGCCACTGTCACAAGGGCTGGGCACCACCAACTGTGTACAGCGGCTGGCAGATGTATCAGATGAACA
 AGCAGCGTCTACGAGCCTCCCAGTCAGTGTGGTTGTGGTCTTGGTGTCTGGTGGCTGCGATGGTCATC
 GTGGCAGGCATCGTCATCTACCGAAAGGCTCCGAGACAAATCCAGAGGAGGAGTGTGGCACCCAAGCCTA
 TCTCGGGGCTCTCCAACCCCTATTCTACACAAGGGACAGCAGCCTGCCAGCTAAGAACAGGCCTCCAGA
 CCCTTCTGAGACAGTTTCTACCAACCAGCCCCAAGACCCATAGTGAAACCAAAGAGGCCTCCCCCTGCA
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 GACACCACAGTCAAGCCCGGACTGGAGGGACGGTGCCTGGAGCAACTCAGGGAGCTGGTGGGCCAAAG
 GTTGTCTGAAGGTCCCATCCAGAAGAGGTGACCAGCTAGGGCACCCAGGGCCATCGTTGTGGACGT
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 CACACGCTGTTCTACCTCAGGAATAATCTTTCTGTGGCTCTTGTGTCCAGATGCCCTCATGAACCAAGT
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 ACCCTGCAGTGGGCGTGATCAAGTCTGTCTGTCTCTGGGTGGACAGAATGCCAGGAGTCCCTCCCAGCA
 ACTTCTGCACTGGCCCTCACACAGTGACCTCTCTCCAAGGCACAGTTCCTGTATCTACATCCCCTCGTG
 TATGAGACTTAGGAAAGGAAAAGACGTCGTTCTTGGGGTGTGGGACAAGAAGTTGCCGTCATCTCCGGA
 TTGAAACAGATTAGTTGTTGAAATTATGACTAAACACTATTCATAATAAAGATTCTATTTTATCAATAG
 ATTATAGATCACAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_007403
Insert Size: 2478 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:	BC025584 , AAH25584
RefSeq Size:	3110 bp
RefSeq ORF:	2478 bp
Locus ID:	11501
UniProt ID:	Q05910
Cytogenetics:	7 F4
Gene Summary:	<p>This gene encodes a member of the Adam family of proteins that contain the disintegrin and metalloprotease domains. The encoded protein is localized to the cell surface, where it is involved in the remodeling of extracellular matrix and cell migration. Mice lacking the encoded protein display persistent inflammation upon treatment with allergens. Alternative splicing of this gene results in multiple variants. [provided by RefSeq, Mar 2015]</p> <p>Transcript Variant: This variant (1) encodes the longer protein isoform (1).</p>