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Product datasheet for MC220639

Adam5 (BC094237) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam5 (BC094237) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam5
Synonyms:	tMDC II; tMDCII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC094237
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTCCTCCTTCTTTTGCTCTTTTTGCATCTTAAAGGGCTGCAGGCAGGCCAGAATCCTCAGAAAACCA
CCCTGCAGACAACTGTTCCTGAAAAGATCTCATCACCGGATGTGGAAACAGATGCAGAAGACCATATGGC
TTATCTTATTACAATAAATGAAACCCCCCATTTCATCCATCTTAAAAAACAATCATTTATAACTCCAACT
GCAGTTGTTTATACTTACGACAGAAATGATGTTCAACATTCTCAACCTTTGTCAGCTCTGGAAAATTGCA
ATTACAATGGATATGTTGCAGGTTTCCCAAACTCTATCGTGACCCTCACCGTTTGCACAGGACTCAGGGG
AATCATACAGTTTGAAAATGTCTCCTATGCAATCGAGCCCGTGGAAACCCTGTCAGGATTTGTGCACGTG
ATCTATGAGAACACAAACAAACATGCTGTGATTCCTGACCTGGGAAAGAATCAGTCATACAGTTGGTTTG
ACGAATCAGATTATCAATTCCGGAGTAACATGAAGAAATCTGGATTTACCGTGTTACGCCAACGATTCAT
TATGATGGATATCATCGTGGATAAAAAGCTGTTTGATTACATGGGTTCTGACACTGAAGTTGTGCTACAG
AAAGTCATTCAGATCATCGGTTTCGTTAACACTATGCTCTCCAAGTTAAAACTGACTGTCTTAATAAATT
CCATTGAAATCTGGTCGAAGGAAAACAGAATTCGTTTATCAAAGGCAGTTGATGACTTATTGGTTCAGTT
CTCAATTTGGAAACATGAGTATAGATCACAACATGTTGCATACTTACTGGCATTTGAGGAGCACCCTGCT
TCCACGGGGGCTCTATATCCAGGGAATCTGTGCAAACTGGAGTACAATGCTGCTGTTGCCCTGTATCCAA
AAGGTTTATCGTTAGAATCGTTTAGTGTCATTGTCCTGCAGCTGCTGAGCATTGGTATGGGCTTAACTTA
CGACACTGAGAACTGCCACTGTACAGGAGAAGTTTGCCTAATGACGCCCAAAGCAATATATTCTGGGGGT
GTGAAGGACTTCAGTACTTGTACCCTGGATGACTTTAAATACCTGTCAACAAGACAAGACCTTAGATGTC
TCCAGGACTTGCCTTTGGAAAGAAAGCCAGCTCGCAGGCCAAGGAGAATCTGTGGCAATGGGATACTGGA
GATGAACGAGCAATGTGACTGTGGCACTTTGAAGAACTGTACACATAGAAAATGCTGTGACCCTATGTCA
TGTCGATTGAAAAACAAGGCCACGTGTGGTTCTGGGGAGTGCTGTAGTCAAGATTGCACGGTAAAAATGA
ATGATGTGGTCTGTAGAAAGTCGGTAGATGAATGTGACTTTGTGGAGTACTGTAACGGAAAAGATCCCTA
TTGTGTCCCTAACACATATGCACGCAATGGGCAGTATTGTGAATCAGGTGAAGCCTTCTGTTTTGAAGGA
CGATGTCAGACTGCTGACAAGCAATGTATGAGCATGCTTGGGAAATACGTGAGAGGGGCTTCCTTTGCGT
GCTATGAAGAGTTCAATTCCAGAGGCGATAGATTTGGCAACTGTATTCATAATTTTTGTGCTTTCAGAAA
TTCTCTCTGTGGGAAACTAATCTGTACGTGGCCATTCAAGAAGCTGGTGCTAAAAGCCAATTTATCTGTG
GCCTATGCGCAAATCCGGGATGACTTGTGTGTAGCTATGTATAAAGGTGGGAGGATACCTAAGACAACAA
AGACGACATATTCCAATCCAGCGGACAGAGATGAGACATTTGTAAACGACGGCACCATCTGTGGCCCTGA
TATGTTTTGTTTGAGAGCATCATGCACAGAAACTAGATTTCACATGGATTCTTCCAAGTGTGATTCAACT
AGAGATTGCAACGACCATGGGGTTTGCAACAATTTACAGCATTGCCACTGTGATATAGGATATAACCCTC
CTTTTTGTGAGGAACATAAGGGACAGTTTGGAAGCGTTGATGATGGACATAAATATCATGTTGAAGCACC
TCCCACTAATCAAGTATTGCTACCCCAAAAGAAGATAATCTGGATTAACCATGAGAAACTGACATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC094237

Insert Size: 2100 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.
RefSeq:	BC094237, AAH94237
RefSeq Size:	2290 bp
RefSeq ORF:	2099 bp
Locus ID:	11499
Cytogenetics:	8 13.26 cM
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. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. This gene is located in a cluster of related ADAM genes on chromosome 8. Alternative splicing results in multiple transcript variants encoding different isoforms, some of which may undergo similar processing. [provided by RefSeq, May 2016]