

Product datasheet for MC200662

Adam15 (BC009132) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam15 (BC009132) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam15
Synonyms:	MDC15, metargidin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC009132

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>BC009132
GGGGGGCCGTGGCTGCTCCTCCACGCGTAGCCCCGCACCTGCTGCCCCAGTCCAGCCCGGAGCTCCGCGG
CCATGCGGCTGGCGCTGCTCTGGGCTCTGGGACTCCTGGGCGCGGCAGCCCTCGGCCCTCCCCCGCGCT
GCCAAATATAGGAGGCACTGAGGAAGAGCAGCAAGCCAGCCAGAGAGGACGCTGAGTGGATCCATGGAG
AGCCGGGTTGTTCAAGACAGCCCCCAATGAGCCTAGCAGACGTGCTTCAGACTGGTTTACCTGAGGCC
TGAGGATTTCTTGAGCTGGACAGTGAGAGTCATGTCCTGGAGCTTCTACAAAATAGAGATCTAATCCC
TGGCCGCCAACTCTGGTGTGGTACCAGCCTGATGGCACCCGAATGGTCAGCGAGGGCTACAGTCTAGAA
AACTGCTGCTACCGAGGACGAGTGCAGGGCCACCCAGCTCCTGGGTGTCCCTCTGTGCCTGCTCTGGGA
TCAGGGGGCTCATTGTCTGTCCCCAGAGAGAGGCTATACACTGGAGCTGGGCCCTGGGGACCTTCAGCG
TCCTGTCAATTTCTCGGATCCAAGACCACCTGTTGCTGGGCCACACCTGTGCCCAAGCTGGCATGCCTCT
GTGCCACTCGGGCAGGACCAGACCTCCTTCTGGAACAGCATCACGCTCACAGGTTAAGCGAGATGTAG
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TCCTGCTAGACAACCTTCCGCTGGCGCCGGACAGACTTGCTGCCTCGACTGCCCATGACAGTGCCCA
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GGGGCTGGAGTAGGTGGCGGAAGGACATGGACACTGTCTATCTGCTCTGTTGTAATAAATGTGAGATC
TTGGAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	BC009132
Insert Size:	1347 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:	BC009132 , AAH09132
RefSeq Size:	1704 bp
RefSeq ORF:	1347 bp
Locus ID:	11490
Cytogenetics:	3 39.07 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. This gene is prominently expressed in vascular cells, the endocardium, hypertrophic cells in developing bone, and specific areas of hippocampus and cerebellum. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. Mice lacking the encoded protein have increased bone mass resulting from osteoblast proliferation, and exhibit reduced neovascularization in a mouse model for retinopathy. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing. [provided by RefSeq, May 2016]