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Product datasheet for RN203914

Adam28 (NM_181693) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam28 (NM_181693) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN203914 representing NM_181693
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGCAATGGCGACTTCTGGTAGTCTGGTTCCTCCTTTCTCCAGTTCCAGCAAGTGCAATAAAAGAAC
TCCCTAAAGCCAAGAATTATGAAGTGGTTTATCCCATAAGACTTCATCTGTTGCATAAAAGAGAGACCAA
AGAGCCAGAGCCAAAGGAAACATTTGAAACTGAGCTCAGGTACAAAATGACAGTAAACGGAAAGGTTGTG
GAGCTATACCTGAAGAAGAACAACAAGCTCCTAGCACCTGGCTACTTGGAAACATACTATAATTCCAGTG
GAAACAAGGTCACCACAAGCCCGCAAATCATGGATAGCTGTTACTACCAAGGACACATCATAAACGAGAA
AGATTCAGCAGCCAGCATCAGCATGTGTCAAGGGCTACGGGGTTACTTCAGTCAAGCTGATGAAAGGTAT
TTTATTGAACCTTTGAGCTCGGAGATCTTGGATGAGCAGGCACATGCACTCTTCAAGGATGATCCCAAAG
AAGACCAGGGGAACAGTAACTGTGGAGTGGATGATGCGCTATGGCTCCAAGGACTGCATCAGGATGTGGT
CCTTCCTGCCACCAGGTTGATTAAGCTGAATGATGGGATGGTCCAAGAACCTAAGAAGTACATAGAATAT
TATGTGGTCCTGGACAATGGTGAGTTTAAGAAATACAATAAAAATCTTGATGAAATAAGAAAGAGAGTAC
ATGAGATGGCCAATTATGTCAACATGCTTTACAATAAGCTTGGTGCCCATGTGGCCTTAGTTGGAATGGA
AATCTGGACTGATGAGGATAAAATAAAGATAACACCAGATGCCAACACCACCCTGGAAAACTTCTCTAAG
TGGAGGGGAAATGATCTGCTAAAGCGAAAGCACCATGATGTTGCCCAGCTAATCTCCTCAACAGATTTTT
CTGGTTCAACAGTTGGTCTAGCCTTCATGTCTTCAATGTGTTCTCCTTACCATTCTGTTGGCATTGTTCA
GGACCACAGTAACTACCATCTTCGAGTCGCAGGAACAATGGCACATGAAATGGGTCACAACCTTGGCATG
ATTCATGACTACTTGAGTTGTAAGTGCCCATCTGAAGTCTGTGTAATGGAGCAGTCACTAAGATTCCACA
TGCCTACAGACTTCAGCTCCTGCAGTCGTGACAATTACAGACGATTTCTTGAAGAGAAATTATCTCATTG
CCTCTTTAATAGTCCTTTGCCTTCAGATATCATATCCACCCCAGTCTGTGGGAACCAGTTATTGGAAATG
AATGAGGACTGTGACTGTGGCACTCCCAAGGAGTGTACCAACAAATGCTGTGATGCAGAGACCTGTAAAA
TTAAAGCAGGTTTCCAGTGTGCTTTGGGAGAATGCTGCGAGAAATGCCAACTTAAAAAGCCTGGGGTTGT
GTGCAGAGCAGCAAAAGATGAGTGTGATCTGCCTGAAATGTGTGATGGTAAATCCAGCCACTGCCCAGTT
GACAGATTCAGAGTCAATGGCTTCCCTTGCCAAAATGGGCATGGCTACTGCTTGAAGGGCAACTGTCCCA
CCCTGCAGCAGCAGTGCATGGACATGTGGGGCCCAGAAACCAAGGTTGCAAATAAGTCATGTTACAAGCA
GAATGAAGGTGGGTCAAAGTACGGATACTGTCACGTGGAGAATGGTACCCACATGCCCTGCAAAGCCAAA
GATGCCATGTGCGGGAAGTTGTTCTGTGAGGGTGGGTCAGGTGATCTGCCCTGGAAAGGACTTACAATAG
CTTTCCTGACATGTAAATTATTTGATCCTGAAGACATCAATCAAGGAGTAGACATGGTGGCCAATGGAAC
CAAATGTGGAAATAACAAGGTGTGCATTAACGCAGAGTGTGCGGACATGGAGAAGACATACAAGTCAGCC
AACTGCTCCTCCAAGTGCAAAGGCCACGCAGTGTGTGACCATGAGCTTCAGTGTCAGTGCAAGGAAGGAT
GGGCCCCTCCTGACTGTGAGGATTCTGCCACAGTCTTCCGTAGGCGTCTCCATCATGGTTGGCGTGCTCT
TTCCTCTGGCAGCCATATTTGTGGTGATTGCTATAGTGATCCATCATCAAAGTGCCAGAAGAAAGCAAAG
GAGAGTTCAGAGGCTACCACCCATCAAGGATGCCAAGCTACACAAGCAGAAGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_181693

Insert Size: 2157 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:	NM_181693.1, NP_859044.1
RefSeq Size:	2335 bp
RefSeq ORF:	2157 bp
Locus ID:	290344
Cytogenetics:	15p11
Gene Summary:	mouse homolog is a metalloprotease disintegrin; may have a role in sperm maturation [RGD, Feb 2006]