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Product datasheet for RN215038

Adam4 (NM_020305) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam4 (NM_020305) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam4
Synonyms:	tMDCV
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN215038 representing NM_020305
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCCCTTCCTCAGACCATCTACCTGGACTTGGGTCCTCCTGGAAGGTGCTCTCTGGCTCTCTGTGC
TCTGTTCACTGTTGTCTTCTGTCTGCTGTTCCCATGGTCCACCCAAATGGCGCTTCTCTACCTCTGAAGT
TGTGATCCCCAGGAAGGTTCCCCAGAGAATGGGTAAAAGTGATATGTCAGGGCAAATCACCTATAGCATG
CGCTTTAGGGGACAAAGACATGTGGTCCACATGAAACTCAAGAAGAACATGATTTCTCAAAACTTTCCTG
TATATACTTCTAATGACCAAGGAGCCCAGCAAGAGGATTACCCCTTTGTCCCTCAGGACTGTTACTTCTA
CAGCTACCTGGAAGGAGTCCCTGGGTCCCAAGCTACACTAGATACCTGCACTGGAGGTCTGAAAGGCATG
ATACGGGTGGATGACTCCACTTATGAAATCAAACCATTGACATCTTCTTCCAAATTTGAGCATGTAATTT
CTCTACTTGTGGTGGATGAAAGGTCACGTAAGTCTAAAAAGTGTAGAAATGATGAGATTATGGCAGAGGC
AGGTGACCCCCTTGAAGAGACTAAGCTTGCAGGAAGTCCCAGAGCAGCTCCCGTATATCTGTGGCGTATA
CATGTGAAAAATATAGCAATAATGTACACTGTGACTCACGCATTATTCATACAAGTAGGGCACAACCAAA
CCACCTCACTTGAGTTAGTATTGATTATGAACAGCATAGCAGATAGCATATATAGACCAAGTGGTTTGAT
TGTGTTTGCACGTGCTATATGTATTTGGAACAAACAGGACAACTTCAATATAACAGAATATAGTGACAGT
GTTATAAAACTTATGGAACAGTTTGGGTATTGGAAATCTACATTTTATTGGGATTTTCCACACGCCACTT
CAGCTCTTCTCTCAGGAACGAAATATGGAAACAAAGATTATGCAGCCTTTCAGAATGGATTATGTAACCC
CAACTGGGGAGTTTTATATACACATGTAGGAAAAAACCATTTTTTTCTGGCTGCATCTTTAATGTCTCAT
GCAGTGGGTCACATTTTCAATATAGGACATGATAAACCTGGCTGTGTTTGTTTCAGAAGGAGCAGTTGTG
TCATGAGTGAATTTCCTACTCTTCTGGACATGATGAGCAATTGTTCCCATCATAATCTACATGAGAAGAT
CATTGGTTGGGACGCTTGCTTGAGTCAACCGCGGGTTGCATATAAGAATTTCAAATATGCAGTTCCTCGT
TGTGGAAATAAGGTAGTGGATGACAATGAGCAATGTGACTGTGGTACTTTAAAAGACTGTCTCTCTAATC
ACTGTTGTGGAACCAATTGTCAGTTAATTGGGAGCAGCACTTGTGCTGAAGGACTTTGTTGTCAATCTTG
TAGGTTTGCACCCACTGGAAAGGTATGCAGGCACACGAATGGCATTTGTGATCTTCCAGAATACTGTAGT
GGAGTCTCAGAGCATTGCCCACAAAATTTCTACATCATGGATGGAACCCCTTGTTCTCCACTAGCAGTCT
GCATGTCAGGAAACTGTAGCGACCGCCAATTGCAGTGTCAAGCTCTTTTTGGATACCATGTAAAGGATGC
TTCACCAGCATGCTATAAAGAATTAAATACCAAAGGTGACCGATTTGGAAACTGTGGGGTTAGAGAGGTA
CGTGGAGGAAGTAAACCTCTCGCATGTCAAGAGGAGGATATTTTCTGTGGACAGATTCACTGTGACGGTG
TCAAGTTCGTTCCTGGTGGAGGTGAGCACACTACCTTTCATCACATAAAGGTAATGGATGTTAAAGAAGA
ACAGTGCTTTGGGTATGATGCACACCATGGGACAGAACTTCCGGAAATGGGACTTGTATTGGATGGTGCA
AATTGTGGCCCTGGCAAATTCTGTAAAGCTCAAAAATGTGTTATTCACACAGAGTTGAATTTTCACTGCA
ACATTACTCAGTGTAACTATAAAGGGGTGTGTAACAACAAAGGCAACTGTCACTGTGTTCCAGGATTTCA
ACCACCACATTGTATACAAAGAGGAACAGGTGGTAGTGTAAACAGTGGCCCTCCGGCTACCTTTCAGGAA
AAACTTCGAGCTGAAATACATGTGAGTATCAACAGGCTAATAATTATTATAGGTACTCGCATCCTTCTTA
TCTTGGCTTCAGTTCTTTTTGGTGCGCTTTTCAGAGCACTAATGCTAGAGACTGAAAAAAAGAAAAAAAA
GACCCAACATCCAACTATTAACAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_020305

Insert Size: 2268 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_020305.1, NP_064701.1
RefSeq Size:	2472 bp
RefSeq ORF:	2268 bp
Locus ID:	57022
Cytogenetics:	6q24
Gene Summary:	metalloprotease-disintegrin with high similarity to human metargidin; may participate in dual proteolysis and integrin-mediated cell-cell, cell-matrix interaction [RGD, Feb 2006]