

Product datasheet for **MR214728**

Adam20 (NM_001009548) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam20 (NM_001009548) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adam20
Synonyms:	4930529F22Rik; Adam38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR214728 representing NM_001009548
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGACAACACAAAGGCATCCTCTTTGCTGCCGAGAGACAACATAGCTATGGATAAGGCTGTGG
 TATACACAAGGATACCTCATCTGTACGTCTGGCTAGAGATATTGAATATTCTTTTCATCACGGCCCTTGAC
 TGGGTATGCTCAGCACACCAGCCTCCAGAAAGTAGTGATACCCTTACGGGTCACAGGCAACAGACCAATG
 TGGGCTATGGGATGGCTGACCTATAGCCTGCATTTGGGGCCAGAAACATTTTATTACATAAAGGCCA
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 GATTTATTTTGCCTGGATATTGAGGTAGTTTTAATTGGACTTGAGTTGTGGAATGAAGGAAATCTTGTG
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 GGTATATAAGAACATCATCAAAGTTTGGGAACCCACTGTTCCACTTCCAAGGAGGAAGAAGAGAGCCA
 TGTGGCAAGTAATGAGTCAGAAGCGCAACAGTTGAAACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR214728 representing NM_001009548
Red=Cloning site Green=Tags(s)

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MQTTQRASSFAAAEDNIAMDKAVVYTRIPHLVWLEILNILSSRPLTGYAQHTSLPEVVIPLRVGTGNRPM
WAMGWLTYSLHFGGQKHFIHIKAKKFLVSRFSVFTYTKQALHKDQPYVQNDQCYHGHMDGDPESMVAI
TTCYGGFQILQINGTVYEIKPKNLSSSTEHLVHKMDEETELLPMRCALTEEIAKQMKRQQENPTLMQ
NHYEWWTHRSFLDLALVVDCEIRYHNNKSHVLVEVFLIISL INKIYFALDIEVVLIGLELWNEGNLV
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HIIAHEIGHNLGMEHSSSCTCGGINYCLMSSTYSFNPEFSNCSYSNFWTTYATTNCLRKEKMSIGNLQI
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RDAYLRCHDSDILCGRVQCENVTRIPFLRDHSTVHWHTLNGVTCWGTDYHFGMTIPDIGIVKDGTDGCP
HVCINKKCVSKPIWLEQCSSKTCTMKGVCNNLHHCHCNRGWDPHCHLESFGFGSVDSPPPPGEESQQHM
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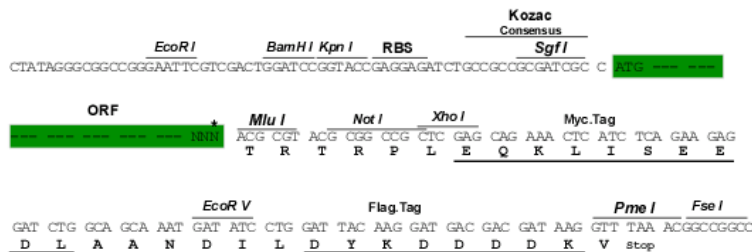
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9100_d01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

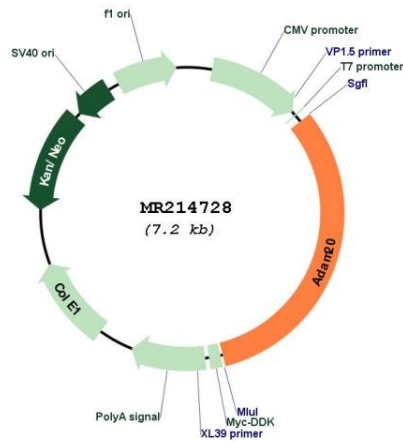
ACCN: NM_001009548

ORF Size: 2280 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	<u>NM_001009548.2</u> , <u>NP_001009548.1</u>
RefSeq Size:	2589 bp
RefSeq ORF:	2283 bp
Locus ID:	384806
Cytogenetics:	8 A4
MW:	86.1 kDa

Product images:


Circular map for MR214728