

Product datasheet for MC224419

Uaca (NM_028283) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Uaca
Synonyms:	2700059D02Rik; nucling
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224419 representing NM_028283 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGAGCCTCAAGTCCCGACTGTGGAAGCAGGACGCGCCCGGCCACGTCAACCCTCATCGCCACCG
CGGTGGCCAGCAGCAATCAGCGGAGTGAATAAGTACGATGACCGGTTGATGAAGGCTGCTGAAAGAGG
GGATGTGGAGAAAGTGTCTCCATCCTTGCCAAAAAGGGCGTCCATCCCGGCAAGCTAGATGTGGAAGGC
AGATCGGCCTTCCACGTCGTGGCATCCAAGGGAATCTGGAGTGTCTGAATGCCATCCTTACGCATGGCA
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GTGCCTGCAGAACTTCTACAGTACAACCTGCCACTGAGCATGTGGACCTTCAAGGAAGAACTGCCCTT
CATGATGCAGCCATGGCAGACTGTCTTCCAGCATCCAGCTGCTCTGTGACCACGGGGCCTCCGTGAATG
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GCTGATAGACAGAGGGGCGAGATGTCAATCCAGAGACAAACAAACAGGACAGCTCTGATGCTGGGCTGC
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GTCAAGGAAGACTCGGACGAACAGATCAAGCAGCTGGAAGATGCCCTCAAAGACGTGCAGAAGAGGATGT



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TTGAGGAGGAACCTGGAGAAGCTTCAGAATCAGATGAAGGCTGACTATGTGAGCCTGGAGGAGCACTCGA
GAAGGATGAGCACGGTGAGCCAGAGTCTGAAGGAGGCACAGGAGGCCAACGCTGCCATCCTGGCCGACCA
CGGCCAGGGCCAGGAGGAGATCGTCTCGCTCCACGCTGAAATCAAGGCCCAGAAAAAGGAGCTGGACACC
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CAAGAAGGGCAAGCAAGAGAACGAGAGGCTGCGGGCGGACCTGGCCGCCCTTCAGAAGGAGCTGCAGGAT
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AGCAGCTGAAGGACCTGTCCAAAAGTACAGCGACGTGAAGAGCGAGAGAGAGAAGCTGGTGAAGAAAA
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GGTGACCTGGCGGAGCACCTGAAGCTAAAGGAAGCCCTCGAGAAAGAGGTTGGGATCATGAAAGCCAGC
CTGAGAGAAAAGGAAGAGGAAAGCCAGAAGAAAACCAAGGAAGTCTCAAACCTCCAGACGGAGGTTCA
CCACCAAGCAGGCGCTGAAGAACTTAGAGACCAGAGAGGTCGTGCATGTGCAAGTACAAGGCCACCAA
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GGGACCAGAAGGAGCGCTGTGACAAGTCCCTGACGACCATCATGGAAGTGCAGCAGAGGATCCAGGAGTC
CGCCAAGCAGATCGAAGCCAAGGACAATAAGATAACTGAAGTCTGAATGATGTGCAAGACTAAAGCAG
GCGCTCAACGGCCTTTCTCAGCTCACCTACAGCAGTGGCAGCCCCCAAGCGCGCAGAGCCAGCTGGTGG
ATACTCTGCAGCAGCGAGTGAGGGATCTGCAGCAGCAGCTGGCTGATGCTGACAGACAGCACCAGAAGT
TATCGTATCTACCGACACACCTCCTCAGTGCCGCACAGGGCCACATGGATGAAGATGTGCAGGCAGCC
CTACTGCAGATCATACAGATGCGACAAGGCCTTGTGTCTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_028283

Insert Size:

4242 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_028283.2, NP_082559.1</u>
RefSeq Size:	4428 bp
RefSeq ORF:	4242 bp
Locus ID:	72565
UniProt ID:	<u>Q8CGB3</u>
Cytogenetics:	9 B
Gene Summary:	Regulates APAF1 expression and plays an important role in the regulation of stress-induced apoptosis. Promotes apoptosis by regulating three pathways, apoptosome up-regulation, LGALS3/galectin-3 down-regulation and NF-kappa-B inactivation. Regulates the redistribution of APAF1 into the nucleus after proapoptotic stress. Down-regulates the expression of LGALS3 by inhibiting NFKB1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.