

## Product datasheet for MC224850

### Arap2 (NM\_178407) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arap2 (NM_178407) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arap2
Synonyms:	Centd1; Gm148; mKIAA0580
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224850 representing NM_178407 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCCTCAGTCAGCGAAGTAAATGCGGACATCAGAGATTTCTGATGAGCATCAATTTGGAGCAGTACC  
TCTTACATTTCCGTGAATTCGGTTTTATACCGTGAGGGACTGCACGTCGATAAATGACAGCGTACTCCA  
TCAGATTGGAATACACCTACTGGACACCGTAGGAGGATACTGAAACAGTTACAAATGATCTTTCAAAA  
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ATAATGACAGAGAGATGTACTCAAAGGAATAATCCCCTCACGGCGATATCCACAGTCCGGGCTCAAGG  
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 AGAAAAATAGCTTTATAACCAAGTGGAAAGACACTCAAGTGTCCCAGGCTGGAGACTTGTTAATTGAAGTG  
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 CCGAGGCAGAGGGCCACATGGCCTGCCAAAGGCTATAAAGGTCGGAAGACACTGAAGAAGACAGAGGA  
 AAGAAACAGCAAAGCTACCTTAGACGCAGATCCTAAGCTGCCATCGAAGGTCATCGAGGAACTCAGTGTG  
 GTTCTCCAGAGGTCACGACCCCTTCAAAAGAGCTACCGGATGAACAGACGCTACAGAAAGAAGTAAAAT  
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_178407
<b>Insert Size:</b>	5112 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_178407.3</a></u> , <u><a href="#">NP_848494.2</a></u>
<b>RefSeq Size:</b>	7363 bp
<b>RefSeq ORF:</b>	5112 bp
<b>Locus ID:</b>	212285
<b>Cytogenetics:</b>	5 C3.1