

Product datasheet for **MC211507**

Aven (NM_001165935) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aven (NM_001165935) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aven
Synonyms:	1700013A01Rik; 1700056A21Rik; mAven-L; mAven-S
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211507 representing NM_001165935 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTCGAAGCACGTGGAACCCGGGAGATTGGAGGGGACTCCTTTTCACAGTTCGATTTGCTGAGGAGA
AAGAATGGGATGGTGAACTTCATGTCCAAAACAGAATTCAGCACTCTACGTGGACAGTGAGTCACTGGT
TCGAGCCCTTGAGCAGCTGCCTCTTGCACTCCGGCTTAATGTTGCTTCAGAATTGATCCAGACCACAATT
CCTTTAGAACTTCCACAGGTGAAACCAAGGAGAAACGATGATGGCAAGGAGCTGGGCATGCATTTAAGGG
GACCCATCTCTGAGCTCAGATCTGCTGCTGGTCTTGCCCAAGTCTCTGGGCAGAGGCAGTCTAAGGCA
AAGCCCTTTAGAAGGTTTGCAGAAAGCACCTACCCCAACACAGTCAGTGGCAGACCACCTGGAAGAAGAA
CTAGATATGTTGCTGCATTTAGATGCACCTGTGCAAGAGGAAGGCAATATCTCTCCAGACCAGACATCTC
GGGACCAGGAACCAGAAAAAGATGGGCAGGTAGCCAGGAGGAAACAGGTCTGAAAAACCTTCTGTGAC
CAGAGAGAAGAAATGTGGAACCTGAGCAGCCAAGCACATCGAAGAATGTACCCGAGGAAGAGCTGGAGGAC
TGGCTGGACAGCATGATTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001165935
Insert Size:	654 bp



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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:	<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_001165935.1</u> , <u>NP_001159407.1</u>
RefSeq Size:	1102 bp
RefSeq ORF:	654 bp
Locus ID:	74268
Cytogenetics:	2 E3
Gene Summary:	Protects against apoptosis mediated by Apaf-1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to isoform 1.