

Product datasheet for MC215797

Oat (NM_016978) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oat (NM_016978) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oat
Synonyms:	A1194874; rhg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215797 representing NM_016978 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTTCTAACTAGCAAGTCTGCAGACCATTGCTGCTCTGCGCCGAGGAGTCCACACCTCAGTCGCT
CTGCCACGTCTGTTGCCACAAAGAAGACAGAGCAAGGCCACCATCTCCGAGTACATTTTTGAACGGGA
ATCTAAATATGGTGCACACAATTACCATCCTTTGCCTGTAGCCCTGGAGAGAGGAAAAGGCATTTATATG
TGGGATGTGGAAGGCAGGCAGTACTTCGATTTCTGAGTGCTTATGGTGTGTCAGCCAAGGACACTGCC
ACCCAAAGATCATAGATGCCATGAAGAGTCAGGTGGACAAGCTGACATTAACATCTCGGGCTTTCTATAA
CAATGTCCTTGGTGAATACGAGGAGTACATCACCAAGCTTTTCAACTACAACAAAGTTCTCCCTATGAAT
ACAGGAGTGGAGGCTGGAGAGACTGCATGTAAGCTCGCTCGTGGGGCTACACCGTGAAGGCATCC
AGAAATACAAAGCAAAGATTGTTTTGCTGATGGGAACTTTTGGGGTGAACACTATCTGCAATCTCCAG
TTCCACAGATCCGACCAGTTATGATGGCTTTGGACCCTCATGCCAGGCTTTGAAACCATCCCATATAAC
GATCTGCCCGCACTGGAGCGTGCTCTTCAGGATCCAAATGTTGCTGCCTCATGGTGGAGCCCATCCAGG
GTGAAGCAGGCGTTATCGTTCGGATCCAGGATACCTGACAGGAGTTCGGGAACCTGACACAGGCCCA
GGTCTGTTTATTGCTGATGAAATACAGACAGGATTGGCCAGAAGTGGTGGCTGGCTGTGGATCAT
GAGAATGTCAGACCTGATATGGTCTTCTTGGGAAGGCCCTTTCTGGCGGTTTATACCCTGTGTCTGCAG
TGCTGTGTGACGATGAGATAATGCTGACCATTAACCAGGCGAGCACGGCTCCACATACGGCGGAAACCC
ACTAGGCTGCCGAATTGCCATTGCGGCTCTTGAGGTTTTAGAAGAGGAGAATCTTGCTGAGAATGCAGAC
AAGATGGGCGCTATCCTGAGGAAGGAGCTCATGAAGCTGCCCTCTGACGTTGTGACCTCAGTGAGAGGGA
AAGGGTTGCTAAATGCCATTGTCATCAGAGAAACCAAGACTGTGATGCTGGAAGGTGTGCTCGGACT
TCGAGATAACGGGCTTCTGGCCAAGCCAACCCACGGTGATATCATCAGGCTTGCCCTCCCTTGTGATC
AAGGAGGATGAGATCCGGGAGTCCGTGGAGATCATCAACAAGACTATCTGTCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_016978
Insert Size:	1320 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:	<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:	NM_016978.2 , NP_058674.1
RefSeq Size:	2155 bp
RefSeq ORF:	1320 bp
Locus ID:	18242
UniProt ID:	P29758
Cytogenetics:	7 76.3 cM