

Product datasheet for RN205143

Atg5 (NM_001014250) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Atg5 (NM_001014250) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Atg5
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN205143 representing NM_001014250
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGACAGATGACAAAGATGTGCTTCGAGACGTGTGGTTTGGACGGATTCCAACGTGCTTTACTCTCTATC
 AGGTAGATAACTGAACGAGAAGCAGAGCCATACTATTTGCTTTTGCCAAGAGTCAGCTATTTGACGCT
 GGTAACAGCAAAAGTAAAAAGCACTTTCAGAAGTTATGAGACAAGAAGATGTTAGTGAGATTTGGTTT
 GAATATGAAGGCACACCCTGAAATGGCATTATCCAATTGGCCTACTGTTTCGATCTTCTGCATCAAGCT
 CAGCTCTGCCTTGAACATCACAGTACATTTCAAGAGTTTTCCAGAAAAGGACCTTCTGCACTGTCCGTG
 CAAGGATGCAGTTGAGGCTCACTTTATGTCATGTGTGAAGGAAGCTGACGCTTTAAAGCACAAAAGTCAG
 GTGATCAACGAAATGCAGAGAAAAGACCACAAGCAGCTCTGGATGGGACTGCAGAATGATTTGACCAGTT
 TTGGACCATCAACCGAAACTCATGGAATACCCTCCAGAAGAAAATGGATTTTCGTTATATCCCTTTAGA
 ATATATCAGACCACAACGAACGGCCTTTCATTGAGAAGCTGTTCCGTCCTGTGGCCGAGATGGACAGC
 TGCATACCCTTGGAGATCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001014250
 Insert Size: 654 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).



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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_001014250.1</u> , <u>NP_001014272.1</u>
RefSeq Size:	2278 bp
RefSeq ORF:	654 bp
Locus ID:	365601
Cytogenetics:	20q13