

Product datasheet for **RN216205**

Use1 (NM_001169100) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Use1 (NM_001169100) Rat Untagged Clone
Tag: Tag Free
Symbol: Use1
Synonyms: RGD1306660
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216205 representing NM_001169100
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCAGGCGGAAGGGGCTGTACCGTCCGCTGGCGACGTCGCGGCTGGAGTTGAACCTGGTGCGGC
TGCTTTGTCGCTGTGAGTCGATGGCGGCCGAAAAACGAGAACCGGACGAGTGGCGTCTGGAGAAGTATGT
GGGTGCCCTGGAAGACATGCTGCAGGCCCTGAAAGTCCAAGCAAGTAAACCGGCCTCGGAAGTGATCAGT
GAGTACTCCCGCAAAGTGGACTTTCTGAAGGGCATGCTGCAGGCTGAGAAGTTGACCTCCTCCTCTGAAA
AGGCTCTAGTAACCAAGTTCCTGGCTCCTGGCCGCGTGCCACCACAGCCAAGGAGCGGGTGCCTGCCAC
CAAGACTGTACATTTGCAGTCTAGAGCACGTTACACCAAGTGAAGTGGAGTGGAGTGGTGGGCACGGAG
TCCTCTGGAGAGCTGGAGGCAGACATGAGGAAGCGAGTTGTGAAGGGGCTAGACCTGCAGATGAGAAGC
AGTCAGCGTCCGAGCTAGACCTCGTCCAGAGGCACCAGGGCCTCCAGGAAAAGCTGGCTGAGGAGAT
GCTAGGCTTGGCCCGCAGCCTGAAGACCAACACACTGGCTGCCAGAGTGCATCAAGAAGGACAACCAG
ACCCTGTCACATTCGCTCAAGATGGCAGACCAGAACCTGGAGAAGCTGAAGCTGGAGTCAAGCGGCTGG
AGCAGCACGCACAGAAGTCGGTGAAGTGGCTGCTGTGGCCATGCTCATCGTCGTGTCTCGTGTTCAT
CAGCATGATCCTGTTTCATACGCATCATGCCAGACTGAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001169100
Insert Size: 813 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001169100.1, NP_001162571.1</u>
RefSeq Size:	863 bp
RefSeq ORF:	813 bp
Locus ID:	290627
Cytogenetics:	16p14