

Product datasheet for **RN210187**

Mrps5 (NM_001106505) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrps5 (NM_001106505) Rat Untagged Clone
Tag: Tag Free
Symbol: Mrps5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210187 representing NM_001106505
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCGCCGTACGCGCTGCGGGCTGTCTCCCGCACTGTGTAGCGCGCCGGCAGGTCATTTCCTGT
CTAGGCAGCTCTCTTTAAACACCTTTCCAGTAGCAGCCACTTCCTTTTTGGCAGCGAAGACAGCTTTTCAG
CCATGGCTCTTTGTCACCAAGGGAAACAAGACACAACCCTGTCTGACCAGCTTGAGCCATGCAGCTGCAG
ACACAGTGTGCAATTCCTCTCCAGCAACTGGACGGCCAGCAGTACAGACCCTACAGCTTCTTACCA
AATTGACTGCAGAAGAACTCTGGAAGGTGCACTAGCAGAGACTGGAGCTGGAGCAAGGAAAGGCAGAGG
CAAAAGGACAAAGAAGAAGAAGAAGGATTTGAACAAAGGCCAGATTATTGGTGAAGGGCGTTCTGGT
TTCCTGTGGCCTGGTTTGAATGTTCTCTTATAAAAAGTGGAGTTGTTTCCAGAACATTGGCCAGCGAAGCA
AAGAAGAGCAGCAGAAGGTGGAGCCGACATGGCTGAGCAGAGGGAAGAGTGGGACCGGAAGAGGAAGAT
AAAAGTTAAACGGGAGCGCGCTGGAGTGGGAACACGTGGGGAGGTGTCAGTATTGGCCCCCAGACCCG
GGACCCAATGGAGAACTATGAAGACTTTGATACCAGGATTCTTGAGGTAAGAAATGTTTTCAATATGA
CAGCAAAAGAGGGAAGAAAGAAGTCAAGTCCGTGCTGCTGTTGGGAATGGAACCGGTGCTGCAGG
TTTTGCCGTGGGAAAGCCGCTGACCGGCAGACGCTTTCAGAAAGGCAAGAACCAGCGATTATTAT
TTGCATTATATAGAACGATATGAAGGACACACAATATTCCATGATATTTCACTAAGATTTCAAAGGACAC
ATATCCGGATGAAGAAACAGCCAGAGGTTACGGCCTCCGCTGCCACAGGGCCATTATCACCATCTGCCG
CCTCATCGGCATCAAGGACATGTATGCGAAGGTCAATGGGTCCGTGAACATGCTCAACCTCACCCGGGGC
CTTTCCATGGCTCGCCCGCCAGGAAACCACCGCATCTGGCTGATAAGAAGGGTCTCCACGTGGTGG
AATTCGGGAGGAATGTGGGCTCTGCCTATTGTGGTTGCCTCCCTCATGGGCCTTGAGTAAGGAGCC
TGAGCCCGAACCTGAGGTCCTGATACCAAACTGGACTGGCAAGACGTAAGGCCATGCAGGGAATGAAG
CGCTCTGTGTGGTTAACTTAAAGAGGTGGCCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001106505
Insert Size:	1299 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:	<u>NM_001106505.1, NP_001099975.1</u>
RefSeq Size:	2251 bp
RefSeq ORF:	1299 bp
Locus ID:	296134
Cytogenetics:	3q36