

Product datasheet for **RN210464**

Reck (NM_001107954) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Reck (NM_001107954) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Reck
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210464 representing NM_001107954
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGAGCGTCCGGCCCTCCGCGAGAGCGCGCTGCTGCTTCTGCTGTCCGCGGGGGGTGCGGAAGG
 TGACCGGGGCCTGGCCCGGGCAGCGCGGTGCTGTGTCTGTAATCATTCAAAGGATAACCAAATGTG
 CCGTGATGTGTGAGCAGATTTTCTCCTCAAAAAGTGAATCCCGACTGAAACATCTGTTGCAGAGAGCC
 CCAGATTATTGCCAGAGACAATGGTTGAAATTTGGAGTTGCATGAACTCATCTTTGCCAGGTGATTTTA
 AGAAGTCGGATGGCTGGTTGGCTTAGGCTGCTGTGAGCTAGCCATTGGCTTGGAGTGCCGCCAGGCATG
 CAAGCAGGCATCTTCAAAGAATGATATTTCAAAGTTTGCAGGAAAGAATATGAGAACGCTCTTTTCAGT
 TGCATTAGCAGAAATGAAATGGGCTCGGTGTGTCGAGTTACGCGGGGCATCACACCAACTGCCGAGAAT
 TCTGTCAAGCCATTTTTCGAACAGACTCCTCTCCTGGACCATCTCAGATCAAAGCAGTGGAAAATTATTG
 TGGCTCTATTAGTCCACAGTTGATACACTGTGTGAACAATTACACCCAGTCGTATCCAATGAGAAACCA
 ACTGACAGTGTACTGCTGTGACAGAGCTGAAGAGCATGCTTGCCAGAGCGCCTGCAGGAGGATTTCAA
 CGTCTAAGAAGACAGAAATGGAGATTGTGGACGGCCTCATTGAGGGTTGAAGACCCAGCCCTTGCCCTCA
 AGATCCTCTTTGGCAGTGTCTTCTCGAAAGCTCACAGTCAGTTACCCCTGGAGTCACCGTGCACCCTCCT
 CCCTCAACCGGCCTTGATGGGGCAAATTCGATTGTTGCTCTAAAGCAAACACCTCAGTGTGTAGGGAAAT
 TGTGCACGAAACTCTACAGCATGAGCTGGGGAACACACAGAGCTGGCAGGAGTTTGACCGCATCTGTGA
 ATATAACCCCGGGGAAGTGTCCATGCTGGCCTGTCTGGCTGATGTCCGGGAGCCTTGCCAGTTGGGTTGT
 ACAAACTTACTACTGTACAACTTTAACAAACAGGCCAACAGAACTTTTCAGGAGCTGCACGGCGCAGT
 CTGACCAGGGCCCATGAGTGACATGAGGCTGTGGGAGAAGGGCAGCATAAAGATGCCCTCATCAGCAT
 CCCCGTCTGGACATTAGAACCCTGCCAGCCAGACCTGTGGAAGGCCGTGCGCTGCTCCCTGCAGATCAAG
 CCGTGCCACAGGAAGTCCCGAGGGAGCATCATCTGCAAATCAGATTGTGTAGAGATTCTCAAGAAATGTG
 GAGACCAGAAATAATTCCTGAAGCCCACACAGCTGAAAGTATCTGTGAGTTCCTGTCCCCTGCAGATGA
 TGTGGAGAAGTGTATACCTCTGGACACATACCTCAGGCCAAGTGCCTTAGGCAACATCATAGAGGAAGT
 ACTCATCCCTGTAATCCAAATCCTTGCCAGCCAATGAGCTCTGTGAAGTAAACCGAAAGGGGTGTCCTG
 CTGGAGATCCCTGCCTCCGTACTCCTGTGTTCAAGGCTGCAAATGGGAGAAGCGTCTGACTTCATTGT
 CCGCCAAGGGGCACTGATCCAGGTGCCATCCTCTGCAGGGGAAGTTGGTTGTTACAAATCTGTTCTGT
 GGACAAAGTGGCCTCTTGAAAAGTGCATGAAAATGCACTGTATTGACCTCCAGAAGTCTTGCAATGTTG
 GAGGGAAAAGAAAGAGTCATGGAACATCCTTTACCATCGACTGCAACGTCTGTTCTGTTTTGCCGGCAA
 TTTAGTGTGTTCCACCCGTCTGTGCCTCAGTGAGCACAGTTCAGACGATGACCGCCGCGCCTTCACAGGT
 CTGCCCTGTAAGTGCAGATCAGTTTGTCCCAGTGTGTGCACAGAATGGACGCCTTACCCAGTGCCT
 GCATCGCTCGCTGTGTGGGTCTCCAGGACCATCAGTTTGAAGTTGGACCTTGATCTCCAAGGATCCCTG
 TAATCCTAACCTCTGCCCAAAGCCAAAGATGTGTGCCCAAACCGCAAGTCTGCCTGACTACTTTTGTGAT
 AAATTTGGATGTAGCCAGTATGAGTGCCTGCCAGACAGCTCACGTGTGACCAGGCCGAGATCCTGTGT
 GTGACACAGATCATGTGGAGCACAGCAACCTCTGCACTTTGTACCAAAGAGGAAAAAGCCTGTCTACAG
 AGGCCGTGCCAGCCTTTCTGCAGAACCACGGAGCCTGTTTGTGGGCACAATGGTGAGAGCTACAGCAT
 GTGTGCGCTGCCTACTCGGATCGTGTGGCAGTGGATTACTATGGGCGCTGCCAGGCTGTCGGGGTCTCT
 CGGAACACAGTGTGTGACCGAGTGTGCTGCTGTGAAGTGTCTTCCCTCTCAGCTATAGGTTGCAAACC
 CATCATCCACCAGGGGCTTGTGCCATTATGTGCTGGGATGCTACGGGTTTTATTGACAAAGAAAAG
 TTGGACACAATTGCTAAGATTGAGGCTGCAATAAGGAAGCAGAGAAAATCGAGTCCCTCATCAACTCCG
 ACAGCCCCACGCTGGCATCCCACGTCCCCTGTCCGCCCTCATCATCTCCAGGTGCAGGTGTCCAGCAG
 TCTCCCGTCATCCGCTGTTGTGGCAGGCTTCTCCCGTCCACTCGTTGCCCTCTCTCTCAGCCTGGGC
 CTCACTGTGCACCTGCTCCAGACCTGTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107954

Insert Size:	2763 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_001107954.1</u> , <u>NP_001101424.1</u>
RefSeq Size:	3863 bp
RefSeq ORF:	2763 bp
Locus ID:	313488
Cytogenetics:	5q22