

Product datasheet for **RN206362**

Rnf10 (NM_001011904) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf10 (NM_001011904) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN206362 representing NM_001011904

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

 ATGCCGACAGAGCTCCCCAGCACCGCCGCCACCGCTCCGACATGGACAAGAACAGCGGCTCCAACAGCT
 CCTCCGCCTCCTCGGGCAGCAGCAAAGGGCAACAGCGCCCGCTCCGCCTCGGCCGGGGCCGGCCGCGA
 GTCTAAACCCAAGAGCGATGGAAGAAGCTCAAATGGATCCAAGCGTTACAATCGAAGCGTGAACCTTCC
 TACCCCAAAAATGAGAATTTTAGCAACCAAGTCCCGTCGCTCCAATTCACAGAAAAGCAAACTTTTAACA
 AGACGCCTCCTCAAAGGGCGGTGGCAGCAGCAAAACCTTTAGCTCTTCTTAATGGTGAAGACGGGA
 TGAGGTAGCAGAGGCTCAGCGGGCAGAGTTAGCCCTGCCAGTCTCCGGCCCTAAGAAGATCAACCTG
 AACCACTTGTTAAATTTACCTTTGAACCCCGTGGCCAGGCAGGTCACTTTGAAGGCAGTGGACATGGCA
 GCTGGGGGAAAAGAAACAAGTGGGGACACAAGCCTTTCAACAAGGAACTCTTTTACAGGCCAACTGCCA
 ATTTGTGGTGTCTGAAGACCAAGATTACACAGCTAACTTTGCTGACCCTGACACCTTAGTCAACTGGGAC
 TTTGTGGAACAAGTGCATCTGTAGCCATGAAGTGCCATCTTGCCAATATGCCTCTACCCACCCACTG
 CAGCCAAGATAACCCGCTGTGGACACATTTTCTGCTGGGCTGCATCCTGCACTATCTCTCACTCACTGA
 GAGAACCTGGAGCAAATGTCCCATCTGCTACAGCTCTGTGCACAAGAAGGATCTCAAGAGTGTGTTGCC
 ACAGAGTCTCGACAGTATGTTGTGGGTGACACCATACGATGCAGCTGATGAAGAGAGAGAAAGGAGTGT
 TGGTGGCCCTGCCAAATCCAAGTGGATGAATGTAGACCATCCTATTAGTCTAGGAGACGAGCAGCACAG
 CCAGTACTCCAAGCTGCTGCTGGCCTCTAAGGAGCAGGTGCTGCACCGGGTGGTTCTGGAGGAGAAAGTC
 GCGCTGGAGCAGCAGCTTGCCGAAGAGAAGCACACTCTGAGTCTGCTTTATTGAGGCTGCTCTCCAGG
 AGGTCAAGATTCGGGAAGAAGCTCTGTGAGGAGTGGCTGGAGGCAGAGCGGAGGTCACTGGTGTGTTGAC
 TGCTCTGGAACAAGTGGTGTGATGGCTCCCTGGCCAAGGAGTCTGCTTTTCAACCCAGGAAGGGTGTG
 CTAGAGTATCTGTCTGCTTTTGTGAAGAAGCTGCACAAGTTTGTCTCTGGACCCCTGGTCTCTCG
 CTCTCCCTTTGGTGAAGAAGAGGAAGCAGTGTCTGAGCCAGAAGCCTGTGAGGACTTAATAGTGATGA
 CAGTCTTGAGAGGGGACCGTCTGTGCCGAGTTGAGCCAGGAGGAGCCCATCGCTAAGCCAGGCTTCACA
 CAGCTGAGCAGCTCTCCCTGTTACTACTTCTACCAAGCGGAGGATGGACAGCACATGTTCTGCACCCTG
 TCAACGTGCGCTGCCTTTGTGCGGAGTATGGCAGCCTGGAGCAGAGCCCGAGAAGATCTCAGCAACCGT
 GGTAGAGATTGCTGGGTATTCATGTCTGAGGATGTTGACAGCGTCACAGGTATCTCTCTCACTTGCCA
 CTCACCTGTGAGTTCAGCATCTGTGAAGTGGCTCTGCAGCCTCCTGTGGTCTCTAAGGAAACCTAGAGA
 TGTCTCAGATGACATTGAGAAAAGGAAGCGTCAGCGCCAAAAGAAGGCTCGCGAGGAGCGCGCAGAGA
 GCGCAGAATTGAACTGGAGGAGAACAAGAGACAGGGCAGGTATCCCGAGGTCCACATTCCTCTGAGAAC
 CTTCAGCAGTTTCTGCTTCAATTCTACACCTGTTCTCTGATTCTGCTTTGGGACCCACCAGCACCG
 AGGGCCACGGGGCCCTATCCCTGTCTCCTCTGAGCAGAAGTCCAGGTTCCCATGCAGACTTTCTGCTGAC
 CCCTCTGTCAACCACTGCCAGTCAGGGCAGTCCCTCCTTCTGCGTTGGGAGTCTGGAAGAAGACTCTCC
 TTCCTTTCTTTGCCAGATGCTGAGGGTTGGCAAAGCAAAAGCAGACGGGTGGCCAAAGCTGTCCAA
 AGAAAGACGACAATAGCTGGCTCCTCCGCCCCGGTGGACAGTATGGGAGAGTGACAATTCTGACCG
 TGTTCTGTGCCAGTTTCCAAAATTCCTTCAGCCAAGCTATCGAAGCCGCTTCATGAAATTGGACACA
 CCAGCTACTTCAGACCCCTCTCTGACAGAGGAGGGAGGAAGAGGAAGAGGCAGAAGCAGAGCTGCTGT
 TCAGCACCTCGGTCTCCACACCAAG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001011904

Insert Size:

2409 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:	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_001011904.1, NP_001011904.1</u>
RefSeq Size:	3146 bp
RefSeq ORF:	2409 bp
Locus ID:	288710
UniProt ID:	<u>Q5XI59</u>
Cytogenetics:	12q16
Gene Summary:	Transcriptional factor involved in the regulation of MAG (Myelin-associated glycoprotein) expression. Acts as a regulator of Schwann cell differentiation and myelination. [UniProtKB/Swiss-Prot Function]