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Product datasheet for MC219458

Qrich2 (NM_001033267) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Qrich2 (NM_001033267) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Qrich2
Synonyms:	Gm66
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219458 representing NM_001033267
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAACTCTGTCTCTGAGGCGTCTCTTTACCTACAGGATCAGCTGGACAAGCTCAGAACCATCATTG
AGAGCATGCTGGGCAGCTCCTCCACGCTGCTCTCCATGAGCATAACCCCACACAAGTCCACCGCCTGCCT
AGTGCCCGGCCAGATCGACCCCGAGGCCACCTGTCCGGCCTGCAGTCTGGATGTGAGCCACCAAGTCAGT
CTGCTGGTCCAGCGCTACGAGCAGCTACAGGACATGGTCAGTGGCCTCGCTGCCTCCAGACCCTCCAAGA
AGGCCAAGCTGCAGGGCCAGGATGAGGAGCTGCTGGGCCACGTGCAGAGCGCCATCCTACAAGTCCAGGG
TGACTGTGAGAAGCTCAACATTACCACGAGCAACCTCATTGAGGACCATCGGCAGAAGCAGAAAGACATT
GAAGTGCTGTATCAGGGGATAGAAAGGCTGGATAAGGAAAAGGCCAACAGAGAGCACCTGGAGATGGAGA
TTGATGAGAAAGCCGACAAGAGCGCTCTGGCATCCAAAGTGAGCCGGATCCAGTTTGATGCCACTACAGA
GCAGCTGAACCACATGATGCAGGAACTGGTGGCCAAGATGAGCGGACAGGAGCAAGACTGGCAGAAACTT
CTGGATAAGCTCCTGGCAGAGATGGACAGCAAGCTGGACCGCCTGGAGCTGGATCCGTTGAAGCAGATGC
TGGAGGACCGCTGGAAATCACTGCGGCAGCAGCTCAAAGAGCGCCCTCCACTCTACCAGGCCGACGAGGC
GGCTGCCATGCGGAGGCAGCTCTTGGCTCATTTCCACTGCTTGTCCTGTGACCGTCCCTTGGAGACAACT
GTGACTGGACAAGTCATCTCTGTGACCCCCATAATTTCGAGCATGCCAGGGCACCGTTCCGTCCGGCCTT
ACACTGTGTTTGAACTAGAGCAGATCCGACAGCAAAGCAGAAACCTGAAGCTGGGCAGCAGCTTCCCTCG
GGTTGACATGTCACAGATGGAGAGAAGCGTGGGGCGTCTGCACAGCATGCACTCCCGGATGCTGATGGAC
ATGGAGAAGGTGCAGGTCCACTTCGGAGGCTCTGTGAAGGCCAGCAGCCAGATGATCCGAGAGCTGCTGC
ACACCCAGTGCCTCAGCCACCCATGCTACAAACGGGGAGCAGACACAGCAGATTACAGCTACTCGACTGT
ATCCCGTCGCTGTGGGGGCAGCCACACCCTCACCTACCCCTACCGGCGAAACCGCCCGCAGCACCTGTCT
CCACTGGAGGAGATCCAGATCGCCATGAAGCATGATGAGGTTGACATCCTGGGCCTCGACGGACACATCT
ACAAGGGACGGATGGATACACGGTTGCCAGGCATCCTAGGGAAAGATGCCCCAGGAGTGACAAAACACAA
CAAGGCTAAGCTCCAGCAGCTCCAACAACTGCAGCAGCTGCAGCAGCTCCAACAACTGCAGCAGCTGCAG
CAGGCCCAGCATGCCCGGCCCCACGCACACAGGCAGCCAAGCCTGGGCAACATGATCTCGCCACCCTCTC
GGCCTCAGAGTGCACAGATGATAGCGGACAGCAAAGCAGTTCCTTCAGGGCAAAAGAAAGACAGACCAGT
CTCCTCTGAGGGGCGTCTCCTGCAGTCGAATGTGAGCCATTCATCCATCCCTACAGACATAGCCAGTCTG
CAGGGTAGCCAACAGGGGCTGAACATGCACATTGACGTGCCTCCCGGGGAGGGGCTGGAGGAGCCCACCC
GGGGACCACGGTCCACCGCTGCTCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033267

Insert Size: 1779 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).

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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:	NM_001033267.2, NP_001028439.1
RefSeq Size:	2162 bp
RefSeq ORF:	1779 bp
Locus ID:	217341
UniProt ID:	Q3V2A7
Cytogenetics:	11 E2
Gene Summary:	Has an essential role in the formation of sperm flagella and flagellar structure maintainance. It acts as a suppressor of ubiquitination and degradation of proteins involved in flagellar development and motility.[UniProtKB/Swiss-Prot Function]

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