

Product datasheet for **SC210746**

Ryanodine Receptor 3 (RYR3) (NM_001036) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Ryanodine Receptor 3 (RYR3) (NM_001036) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RYR3
Synonyms: RYR-3
ACCN: NM_001036
Insert Size: 906 bp
Insert Sequence: >SC210746 3'UTR clone of NM_001036
The sequence shown below is from the reference sequence of NM_001036. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGTAAACAATATGAAGATCAGCTTGGATTAATCTGAATCAAAGAAGCGCGACAATTCTGGACAGTCAAC
TTCCCATGAAATAAAGTCCCCTTTTACAGTTCTGCAACATATCTGAAATGTGACATTTTCTAAATGCC
TCCCTTAAAAAAAAAACTGCTGAAAATCTGTGCTATTTTGAATTTGATTGGCTTTTGTGCCTAATGG
ACATACACTGTGGGAGAGAACCTGTCAAATGTGGAAGAAGGAAGGCGAAGAATCAAGTAATCTCTAGG
CAAATGCCTTCAAGTTTTCCAGTTCTGAGGTAAGTTCAGTTTGTGGGATGGAAGCATGAAGGAAA
GGGCTAGAGAAGTATGAAATCTCGAATGTGTAATACCTGAAAATTTAAACACTTGAATGTCATCATGGT
ATCCAACCTGTGACTCATAGGTCTGAACCTCACTCCAAAAGATAATAACTGCAGTCTAATTTTTCCCAT
GGTACTTGCTAGTACTGTATCCAGAAAAGCTTTAAGCAGTTAAGAAAACAGAAAAAACCGACACTTT
GTCGACACTGAAATATCGATTAAGTGCCTTAAACCTCTTTAGACATAGCTATGCAAGTTTTTTATGTT
TGTGTTCCAGAAGGACAGTTCCATTCATTAGTTGTGATCTCCGTCTTACTTTATGAAACTGCATTGA
AGGTTATTCATACAAGTTTTTTAGTAACAGCTGTGAGTCAACTGCTGTTATTAGAAGAAAAGTACTGT
ACTGAAAATTCAGAAAAAAATCTCAACCTTATGCCAAAATGGAGTAATGCTTTATGGTCCCTTGTAAAG
TAGTGGAGCTGCTCTGTTTAGGTGAATCTCCTCAAATACAATGAAGTGCCCACTGCAATAAAGTAATAC
GTACCAATA
ACGCGTAAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001036.6
Summary:	The protein encoded by this gene is a ryanodine receptor, which functions to release calcium from intracellular storage for use in many cellular processes. For example, the encoded protein is involved in skeletal muscle contraction by releasing calcium from the sarcoplasmic reticulum followed by depolarization of T-tubules. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Locus ID:	6263
MW:	35.3