

Product datasheet for SC215631

IP3 receptor (ITPR1) (NM_001099952) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: IP3 receptor (ITPR1) (NM_001099952) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ITPR1
Synonyms: ACV; CLA4; INSP3R1; IP3R; IP3R1; PPP1R94; SCA15; SCA16; SCA29
ACCN: NM_001099952
Insert Size: 1311 bp
Insert Sequence: >SC215631 3'UTR clone of NM_001099952
 The sequence shown below is from the reference sequence of NM_001099952. 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
ATGAATGTCAACCCACAACAACCAGCATAGCAAATGAAAGAAAGGAATTGTATTTACCTTTTATAATT
ATTATTAGTGTGGGTATGGCTAATGAGTTCTGATTCACCCACGAAGTTACATTTATGCTGAATACATT
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TCTGAAATGAGTAAAGTTTGTAATGCATATATAAAAAATTTTAAATAAATGATGCAGAATATACAGTGA
ACGCGTAAAGCGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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).
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_001099952.4
Summary:	This gene encodes an intracellular receptor for inositol 1,4,5-trisphosphate. Upon stimulation by inositol 1,4,5-trisphosphate, this receptor mediates calcium release from the endoplasmic reticulum. Mutations in this gene cause spinocerebellar ataxia type 15, a disease associated with an heterogeneous group of cerebellar disorders. Multiple transcript variants have been identified for this gene. [provided by RefSeq, Nov 2009]
Locus ID:	3708
MW:	51.4