

## Product datasheet for **SC215632**

### IP3 receptor (ITPR1) (NM\_002222) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	IP3 receptor (ITPR1) (NM_002222) Human 3' UTR Clone
Symbol:	IP3 receptor
Synonyms:	ACV; CLA4; INSP3R1; IP3R; IP3R1; PPP1R94; SCA15; SCA16; SCA29
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002222
Insert Size:	1311 bp



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**Insert Sequence:** >SC215632 3'UTR clone of NM\_002222  
 The sequence shown below is from the reference sequence of NM\_002222. 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
ATGAATGTCAACCCACAACAACCAGCATAAAGCAAATGAAAAGAAAGGAATTGTATTTACTTTTATAATT
ATTATTAGTGTGGGTATGGCTAATGAGTCTGATTACCCACGAAGTTACATTTATGCTGAATACATT
TGTAATACTCAGTTTTATACTGTATGTATGATTGCTACTCTAAAGGTTTGGATATATGTATTGTAA
TTAGAATTGTTGGCATGATGACATTTTCATTTGTGCCAAAAATATTAATAAATGCCTTTTTTGAAGGACT
AACAGAAAGCACCTGATTTGCACCTGAACCAGATTATAGATTTAAAAGTATATGACATGTATTTGTAT
TTAAAAGTAGAATAGCCAGTATTTATGTTTTTATAAACTGTGCAATACGAATTATGCAATCACAATA
CATTTGTAGCTCCCGAGTGTCTAAAGGGAGTGCACCTCTTTGAAGCTGGTGTGTAATACTATGTAAT
AAATGGTTAACTTTCAAATGATGCTGCTGCCAAAATTATATTAATAGTGAGTTTCAGGCCCTGGGCAT
TTTGTACCATGTAATTATCCTCTGGTGTGCTGTTTCTCGTTAGTGGCAGTAGTGCTCCGCTCCCTAG
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GATACTTTAAGCTTCTAAATTGATCATTTAACTATTTCTTTAAATAAGAGAGCCAAATTAGAGGCTC
ATACTTTAGCTTGTGAAGAAGATAATGAATTTTTAAAGGGAACCTTTCTATGCAATGTTCCAGGATAAAT
GCATACTGCTGGCCAATCAGTGTCTCTCTGGGTAATTTTGTATGTCGCATTATAAAGACATGCATAA
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CAGTAGCTAAGAAGTATTAAACTATATACATCCATATAAAGATGAAATATGAACTATCTCATTAGAAG
TCATAGTTGACCACAGACATGTTATTCTTCTGAAAGAGCCACATTTTGGTTTTATTCTTGTGCACATGA
TTTCTTTTCTTGATGGATGAAAAATATGAAAGGAACTTTTATATCTGTTGCCTAGTTTTGTACATGGA
TCTCATTTTACAAGAAATCTCTCTGCAAAAAAAAAAAAAACAGTTTAAAAATGCATTGAAAGCAGAGT
TCTGAAATGAGTAAAGTTTGTAAATGCATATATAAAAAATATTTAATAAATGATGCAGAATATACAGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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).

**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\\_002222.7](#)

**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