

Product datasheet for **SC210060**

ITPR3 (NM_002224) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ITPR3 (NM_002224) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ITPR3
Synonyms: IP3R; IP3R3
ACCN: NM_002224
Insert Size: 812 bp
Insert Sequence: >SC210060 3'UTR clone of NM_002224

The sequence shown below is from the reference sequence of NM_002224. 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
GTGGATGTCCAGAACTGCATTAGCCGCTGAGGAGAGCCACCGAAGGCCCAACAGGGGATGCTCATCAC
TGGAGACTGCGACTGGGAAGAACAACCTGCCCTCCCTCGGGTGGGCGCCAGCCAGCTGGCCAGCCT
CCTCCACTCTGCCAGACACCCTGACACCCACCCAGGCTTTGAAGAGCATGGAGGGGAGCCTCAGA
GCTGACAGTCTGCTTAGAGCCCTTAAAAAGACTTGAAAGTTCACTGGGACTCAGTTACCTTAATGCC
TTAGCAGAAGATAAATCTACCTAGAGACCTTTGTTCTTAAAGCAATAACTGACAACTCTTTGTAGTC
CTCCTTGTGGGTAGTTAAGAGTGGGGTACCCCTTAACTCCAAGCACTACATTTGGCGGCTGCCGGC
CTCTGGGGGAGGTGGCAGTTATGCTGTTACTAGTGATTTAGGGCTTTGTTATTTAACTATTTCAAGG
GTGCTGTGCTCAGCCCTGCCATGGCTGTGCAGCTCCCTCCGTGCCTCAGATCTGCTGTAGCCAGTGCA
GACCTCACTGTCGTGCCATGCCACCCCGGCATGGCTCCAGGTGGCCTGGTGACTCCATGATGGACGA
TCTTGCTCCCAGGACCTGCCTCTCCCAGGCTTCTGGGAAGAGTTGTACGCCAGGCAACAAGGGCT
GAGCTGCCTTGGTGGCTGTTTCATGACCGCTTGTCTCTTTTGGTGAATGTTTTACAAATCC
TTTGGCCTGAGAACTAATATGTTAATTGCCTTAAATAAATTAATAGAAATCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:	<u>NM_002224.4</u>
Summary:	This gene encodes a receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium. The receptor contains a calcium channel at the C-terminus and the ligand-binding site at the N-terminus. Knockout studies in mice suggest that type 2 and type 3 inositol 1,4,5-trisphosphate receptors play a key role in exocrine secretion underlying energy metabolism and growth. [provided by RefSeq, Aug 2010]
Locus ID:	3710
MW:	30.1