

## Product datasheet for **SC333185**

### ITPRIP (NM\_001272012) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ITPRIP (NM\_001272012) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ITPRIP  
**Synonyms:** bA127L20; bA127L20.2; DANGER; KIAA1754  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333185 representing NM\_001272012.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCATGGGGCTTCCGCGTGTGTCTGGTGGTGGTGACGGCCATCATCAACCACCCGCTGCTGTTC
CCGCGGGAGAACGCCACAGTCCCCGAGAACGAGGAGGAGATCATCCGAAGATGCAGGCGCACCAGGAG
AAGCTGCAGCTGGAGCAGTTGCGCCTGGAGGAGGAGGTGGCTCGGCTGGCGGCCAAAAGGAGGCACTG
GAGCAGGTGGCGGAGGAGGGCAGGCAGCAGAACGACACGCGTGGCCTGGGACCTCTGGAGCACCTC
TGCATGATCCTCTTCTGATGATCGAGGTGTGGCGGCAGGACCACCAGGAGGGGCCCTCACCTGAGTGC
CTGGGCGGTGAGGAGGATGAGCTGCCTGGGCTGGGGGGCGCCCTTGCAGGGCCTCACCTGCCAAC
AAGGCCACGCTTGGCCACTTTATGAGCGCTGCATCCGGGGGGCCACGGCCGATGCAGCCGTACCCGG
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GTCATGAAGTGGTTCAGACGGCCCTCACCAGAGCCTGGAAGGGCATCGCCACAAGTACGAGTTGCAG
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CCCTCTGAGGGCACCCAGCCTCCAGCAGAGACTGGCTCCTGTCTTTGTGTCTATGAGCGACTTTC
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CTGCTCTCAAGCAGAGCCGCTGACCGGTCCCAGCGGGCTCAGCAGCTACCACCTGAAGACGGCCCTA
CTGCACCTCTACTCCTCCGGCAGGCCCGGACTGGAAGGCGGGCAGCTGGACGCTCGTCTGCACGAG
TTGCTGTGCTTCTGGAGAAGAGCTTGTCCAGAAGAAGCTCCACCACTTCTTCATCGGCAACCGCAAG
GTGCTGAGGCCATGGGACTCCCTGAGGCCGTGCTCAGGGCCGAGCCCTCAACCTTTCGGCCCTTC
GTCTGCAGCGAAGCCTTACCCTAAGACTGACTCCTTCTATGAGATGCTCAAGAATGCCCCAGCG
CTCATTAGCGAGTATCCCTACATGTCCCTCAGACCAGCCTACCCAAAAAGCTGA
  
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**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001272012



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<b>Insert Size:</b>	1644 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001272012.1</a></u>
<b>RefSeq Size:</b>	6513 bp
<b>RefSeq ORF:</b>	1644 bp
<b>Locus ID:</b>	85450
<b>UniProt ID:</b>	<u><a href="#">Q8IWB1</a></u>
<b>Cytogenetics:</b>	10q25.1
<b>MW:</b>	62.1 kDa
<b>Gene Summary:</b>	<p>This gene encodes a membrane-associated protein that binds the inositol 1,4,5-trisphosphate receptor (ITPR). The encoded protein enhances the sensitivity of ITPR to intracellular calcium signaling. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>