

Product datasheet for **SC333186**

ITPRIP (NM_001272013) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ITPRIP (NM_001272013) Human Untagged Clone
Tag: Tag Free
Symbol: ITPRIP
Synonyms: bA127L20; bA127L20.2; DANGER; KIAA1754
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333186 representing NM_001272013.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCATGGGGCTCTCCGCGTGTGTCTGGTGGTGGTGACGGCCATCATCAACCACCCGCTGCTGTTC
CCGCGGGAGAACGCCACAGTCCCCGAGAACGAGGAGGAGATCATCCGAAGATGCAGGCGCACCAGGAG
AAGCTGCAGCTGGAGCAGTTGCGCCTGGAGGAGGAGGTGGCTCGGCTGGCGGCCAAAAGGAGGCACTG
GAGCAGGTGGCGGAGGAGGGCAGGCAGCAGAACGACACGCGTGGCCTGGGACCTCTGGAGCACCTC
TGCATGATCCTCTTCTGATGATCGAGGTGTGGCGGCAGGACCACCAGGAGGGGCCCTCACCTGAGTGC
CTGGGCGGTGAGGAGGATGAGCTGCCTGGGCTGGGGGGCGCCCCCTTGACGGGCCTCACCTGCCAAC
AAGGCCACGCTTGCCACTTTTATGAGCGCTGCATCCGGGGGGCCACGGCCGATGCAGCCGTACCCGG
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TGCCACCTTTTTCGTGCCCTTACACCCCCGAGCCCTACCGCTTCCACCCAGAGCTCTGGTGTCCGGC
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GTGCTGAGGCCATGGGACTCCCTGAGGCGGTGCTCAGGGCCGAGCCCTCAACCTTTCGGCCCTTC
GTCTGCAGCGAAGCCTTACCCTAAGACTGGACTCCTTCTATGAGATGCTCAAGAATGCCCCAGCG
CTCATTAGCGAGTATCCCTACATGTCCCTCAGACCAGCCTACCCAAAAAGCTGA
  
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Restriction Sites: SgfI-RsrII
ACCN: NM_001272013



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Insert Size:	1644 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001272013.1</u>
RefSeq Size:	6633 bp
RefSeq ORF:	1644 bp
Locus ID:	85450
UniProt ID:	<u>Q8IWB1</u>
Cytogenetics:	10q25.1
MW:	62.1 kDa
Gene Summary:	<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 (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>