

Product datasheet for **SC205329**

ORAI1 (NM_032790) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ORAI1 (NM_032790) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ORAI1
Synonyms: CRACM1; IMD9; ORAT1; TAM2; TMEM142A
ACCN: NM_032790
Insert Size: 414 bp
Insert Sequence: >SC205329 3' UTR clone of NM_032790
The sequence shown below is from the reference sequence of NM_032790. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GCAGCCACTATGCCTAGGCCCATGTGGTCTGGGCCCTTCCAGTGCTTTGGCCTTACGCCCTTCCCCTTGA
CCTTGTCTGCCCCAGCCTCACGGACAGCCTGCGCAGGGGCTGGCTTACAGCAAGGGGCAGAGCATGGA
GGGAAGAGGATTTTTATAAGAGAAATTTCTGCACTTTGAACTGTCTCTAAGAGAATAAGCATTTCCTG
TTCTTCCAGCTCCAGGTCCACCTCCTGTTGGGAGGCGGTGGGGGCCAAAGTGGGGCCACACACTCGCTG
TGTCCCCTCTCTCCCCTGTGCCAGTGCCACCTGGGTGCCTCCTCCTGTCTGTCCGTCTCAACCTCCCT
CCCGTCCAGCATTGAGTGTGTACATGTGTGTGACACATAAATACTCATAAGGACACCTCC

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: Sgfl-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_032790.3](#)



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Summary: The protein encoded by this gene is a membrane calcium channel subunit that is activated by the calcium sensor STIM1 when calcium stores are depleted. This type of channel is the primary way for calcium influx into T-cells. Defects in this gene are a cause of immune dysfunction with T-cell inactivation due to calcium entry defect type 1 (IDTICED1). [provided by RefSeq, Sep 2011]

Locus ID: 84876