

Product datasheet for **RC210034L1V**

ORAI1 (NM_032790) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ORAI1 (NM_032790) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ORAI1
Synonyms:	CRACM1; IMD9; ORAT1; TAM2; TMEM142A
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_032790
ORF Size:	903 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210034).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_032790.2
RefSeq Size:	1497 bp
RefSeq ORF:	906 bp
Locus ID:	84876
UniProt ID:	Q96D31
Cytogenetics:	12q24.31
Protein Families:	Transmembrane
MW:	32.5 kDa



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Gene 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]