

## Product datasheet for **RC224780L4V**

### IRE1 (ERN2) (NM\_033266) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IRE1 (ERN2) (NM_033266) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRE1
Synonyms:	hIRE2p; IRE1-BETA; IRE1b; IRE2p
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033266
ORF Size:	2922 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224780).
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. <a href="#">More info</a>
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:	<a href="#">NM_033266.2</a> , <a href="#">NP_150296.2</a>
RefSeq Size:	3549 bp
RefSeq ORF:	2781 bp
Locus ID:	10595
UniProt ID:	<a href="#">Q76MJ5</a>
Cytogenetics:	16p12.2
Protein Families:	Druggable Genome, Protein Kinase
MW:	107 kDa



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**Gene Summary:**

Induces translational repression through 28S ribosomal RNA cleavage in response to ER stress. Pro-apoptotic. Appears to play no role in the unfolded-protein response, unlike closely related proteins.[UniProtKB/Swiss-Prot Function]