

## Product datasheet for **RC213650L4V**

### TREX1 (NM\_033629) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TREX1 (NM_033629) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TREX1
Synonyms:	AGS1; CRV; DRN3; HERNS; RVCLS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033629
ORF Size:	942 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213650).
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_033629.1</a>
RefSeq Size:	1915 bp
RefSeq ORF:	945 bp
Locus ID:	11277
UniProt ID:	<a href="#">Q9NSU2</a>
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytosolic DNA-sensing pathway



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**MW:** 33 kDa

**Gene Summary:** This gene encodes a nuclear protein with 3' exonuclease activity. The encoded protein may play a role in DNA repair and serve as a proofreading function for DNA polymerase. Mutations in this gene result in Aicardi-Goutieres syndrome, chilblain lupus, Cree encephalitis, and other diseases of the immune system. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]