

## Product datasheet for **RC218328L4V**

### **RAET1G (NM\_001001788) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RAET1G (NM_001001788) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAET1G
Synonyms:	ULBP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001001788
ORF Size:	1002 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218328).
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_001001788.2</a> , <a href="#">NP_001001788.2</a>
RefSeq Size:	1144 bp
RefSeq ORF:	1005 bp
Locus ID:	353091
UniProt ID:	<a href="#">Q6H3X3</a>
Cytogenetics:	6q25.1
Protein Families:	Druggable Genome
Protein Pathways:	Natural killer cell mediated cytotoxicity



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**MW:** 36.9 kDa

**Gene Summary:** This gene encodes a member of the major histocompatibility complex (MHC) class I family of proteins. Although the encoded protein includes C-terminal transmembrane and cytoplasmic domains, proteolytic processing results in the removal of these domains and subsequent tethering to the plasma membrane by a glycosylphosphatidylinositol (GPI)-anchor. The encoded protein is one of several related ligands of the natural killer group 2, member D (NKG2D) receptor, which functions as an activating receptor in innate and adaptive immunity. This gene is present in a gene cluster on chromosome 6. [provided by RefSeq, Jul 2015]