

## Product datasheet for **RC227531L4V**

### **CAPN8 (NM\_001143962) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	CAPN8 (NM_001143962) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CAPN8
Synonyms:	nCL-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001143962
ORF Size:	2109 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227531).
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_001143962.1</a> , <a href="#">NP_001137434.1</a>
RefSeq Size:	2427 bp
RefSeq ORF:	2112 bp
Locus ID:	388743
UniProt ID:	<a href="#">A6NHCO</a>
Cytogenetics:	1q41
Protein Families:	Druggable Genome
MW:	79.1 kDa



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**Gene Summary:**

Calcium-regulated non-lysosomal thiol-protease. Involved in membrane trafficking in the gastric surface mucus cells (pit cells) and may involve the membrane trafficking of mucus cells via interactions with coat protein. Proteolytically cleaves the beta-subunit of coatomer complex (By similarity).[UniProtKB/Swiss-Prot Function]