

Product datasheet for **RC214563L4V**

Calpain 12 (CAPN12) (NM_144691) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Calpain 12 (CAPN12) (NM_144691) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Calpain 12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144691
ORF Size:	2157 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214563).
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_144691.3 , NP_653292.2
RefSeq Size:	3129 bp
RefSeq ORF:	2160 bp
Locus ID:	147968
UniProt ID:	Q6ZSI9
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome
MW:	80.9 kDa


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Gene Summary:

The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large subunit family. [provided by RefSeq, Jun 2012]