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Product datasheet for RC201349L4V

Caspase-6 (CASP6) (NM_001226) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Caspase-6 (CASP6) (NM_001226) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Caspase-6
Synonyms:	MCH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001226
ORF Size:	879 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201349).
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_001226.3
RefSeq Size:	1661 bp
RefSeq ORF:	882 bp
Locus ID:	839
UniProt ID:	P55212
Cytogenetics:	4q25
Domains:	CASc, ICE_p10, ICE_p20
Protein Families:	Druggable Genome, Protease, Stem cell - Pluripotency

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Protein Pathways: Apoptosis

MW: 33.3 kDa

Gene Summary: This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Oct 2015]