Product datasheet for RC216674L3V

Calpain 13 (CAPN13) (NM_144575) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Calpain 13 (CAPN13) (NM_144575) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Calpain 13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_144575
ORF Size:	2007 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216674).
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_144575.2, NP_653176.2
RefSeq Size:	2690 bp
RefSeq ORF:	2010 bp
Locus ID:	92291
UniProt ID:	Q6MZZ7
Cytogenetics:	2p23.1
Domains:	Calpain_III
Protein Families:	Druggable Genome, Protease
MW:	76.7 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]