

Product datasheet for **MR219341L4V**

Capns2 (NM_027112) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Capns2 (NM_027112) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Capns2
Synonyms:	30K-2; 2310005G05Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027112
ORF Size:	741 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219341).
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_027112.1 , NP_081388.1
RefSeq Size:	1015 bp
RefSeq ORF:	744 bp
Locus ID:	69543
UniProt ID:	Q9D7J7
Cytogenetics:	8 C5


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Gene Summary:

Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. This small subunit may act as a tissue-specific chaperone of the large subunit, possibly by helping it fold into its correct conformation for activity (By similarity).[UniProtKB/Swiss-Prot Function]