

Product datasheet for **MR209687L4V**

Capn5 (NM_007602) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Capn5 (NM_007602) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Capn5
Synonyms:	nCL-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007602
ORF Size:	1920 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209687).
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_007602.3
RefSeq Size:	4411 bp
RefSeq ORF:	1923 bp
Locus ID:	12337
UniProt ID:	O08688
Cytogenetics:	7 E1



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Gene Summary:

The protein encoded by this gene is a member of the calpain family of proteins. Unlike many members of the calpain gene family, this gene lacks a calmodulin-like domain, required for calcium binding. Mouse models for Huntington's disease displayed increased levels of the protein encoded by this gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]