Product datasheet for MR220443L4V

Ucma (NM_026754) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ucma (NM_026754) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ucma
Synonyms:	1110017I16Rik; AW121955; Grp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026754
ORF Size:	348 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220443).
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_026754.3, NP_081030.1
RefSeq Size:	818 bp
RefSeq ORF:	351 bp
Locus ID:	68527
UniProt ID:	Q14BU0
Cytogenetics:	2 A1

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Gene Summary: This gene encodes chondrocyte-specific, highly charged proteins that are abundantly expressed during the early stages of chondrogenesis. The encoded protein undergoes proteolytic processing to generate a mature protein that is secreted into the extracellular matrix. The glutamic acid residues in the encoded protein undergo gamma carboxylation in a vitamin K-dependent manner. Despite the implied role in calcification and ossification, mice lacking the encoded protein do not display significant defects in the skeletal development. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo a similar proteolytic processing to generate mature proteins. [provided by RefSeq, Aug 2015]