

Product datasheet for **MR202457L4V**

Fam213a (NM_027464) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fam213a (NM_027464) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fam213a
Synonyms:	5730469M10Rik; Adrx; AU040822; Pamm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027464
ORF Size:	657 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202457).
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_027464.1
RefSeq Size:	1537 bp
RefSeq ORF:	657 bp
Locus ID:	70564
UniProt ID:	Q9CYH2
Cytogenetics:	14 B



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Gene Summary:

Involved in redox regulation of the cell (By similarity). Acts as an antioxidant (By similarity). Inhibits TNFSF11-induced NFKB1 and JUN activation and osteoclast differentiation (By similarity). May affect bone resorption and help to maintain bone mass (By similarity). Acts as a negative regulator of macrophage-mediated inflammation by inhibiting macrophage production of inflammatory cytokines, probably through suppression of the MAPK signaling pathway (PubMed:26438880).[UniProtKB/Swiss-Prot Function]