

Product datasheet for **MR205064L4V**

Anxa2 (NM_007585) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Anxa2 (NM_007585) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Anxa2
Synonyms:	AW215814; Cal1h
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007585
ORF Size:	1020 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205064).
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_007585.3
RefSeq Size:	1374 bp
RefSeq ORF:	1020 bp
Locus ID:	12306
UniProt ID:	P07356
Cytogenetics:	9 38.58 cM



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Gene Summary:

Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response (By similarity). Inhibits PCSK9-enhanced LDLR degradation, probably reduces PCSK9 protein levels via a translational mechanism but also competes with LDLR for binding with PCSK9 (PubMed:22848640).[UniProtKB/Swiss-Prot Function]