

Product datasheet for **RC200815L3V**

FAM103A1 (RAMAC) (NM_031452) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FAM103A1 (RAMAC) (NM_031452) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAMAC
Synonyms:	C15orf18; FAM103A1; HsT19360; RAM; RAMMET
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031452
ORF Size:	354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200815).
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_031452.2
RefSeq Size:	1588 bp
RefSeq ORF:	357 bp
Locus ID:	83640
UniProt ID:	Q9BTL3
Cytogenetics:	15q25.2
MW:	14.4 kDa



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Gene Summary:

Regulatory subunit of the mRNA-capping methyltransferase RNMT:RAMAC complex that methylates the N7 position of the added guanosine to the 5'-cap structure of mRNAs (PubMed:22099306, PubMed:27422871). Promotes the recruitment of the methyl donor, S-adenosyl-L-methionine, to RNMT (PubMed:27422871). Regulates RNMT expression by a post-transcriptional stabilizing mechanism (PubMed:22099306). Binds RNA (PubMed:22099306). [UniProtKB/Swiss-Prot Function]