Product datasheet for RC203357L2V

FAM96A (CIAO2A) (NM_032231) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FAM96A (CIAO2A) (NM_032231) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CIAO2A
Synonyms:	CIA2A; FAM96A
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_032231
ORF Size:	480 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203357).
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_032231.4
RefSeq Size:	1114 bp
RefSeq ORF:	483 bp
Locus ID:	84191
UniProt ID:	Q9H5X1
Cytogenetics:	15q22.31
Domains:	DUF59
MW:	18.4 kDa

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Gene Summary: Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins (PubMed:23891004). As a CIA complex component and in collaboration with CIAO1 specifically matures ACO1 and stabilizes IREB2, connecting cytosolic iron-sulfur protein maturation with cellular iron regulation (PubMed:23891004). May play a role in chromosome segregation through establishment of sister chromatid cohesion. May induce apoptosis in collaboration with APAF1 (PubMed:25716227).[UniProtKB/Swiss-Prot Function]