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Product datasheet for RC209056L4V

SEC23IP (NM_007190) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SEC23IP (NM_007190) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SEC23IP
Synonyms:	iPLA1beta; MSTP053; P125; P125A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007190
ORF Size:	3000 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209056).`
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_007190.2
RefSeq Size:	7306 bp
RefSeq ORF:	3003 bp
Locus ID:	11196
UniProt ID:	Q9Y6Y8
Cytogenetics:	10q26.11-q26.12
Domains:	SAM, DDHD
MW:	111.1 kDa

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Gene Summary: This gene encodes a member of the phosphatidic acid preferring-phospholipase A1 family. The encoded protein is localized to endoplasmic reticulum exit sites and plays a critical role in ER-Golgi transport as part of the multimeric coat protein II complex. An orthologous gene in frogs is required for normal neural crest cell development, suggesting that this gene may play a role in Waardenburg syndrome neural crest defects. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Feb 2011]