

Product datasheet for **RC209487L4V**

Sec8 (EXOC4) (NM_021807) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sec8 (EXOC4) (NM_021807) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Sec8
Synonyms:	SEC8; SEC8L1; Sec8p
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021807
ORF Size:	2922 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209487).
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_021807.3
RefSeq Size:	4203 bp
RefSeq ORF:	2925 bp
Locus ID:	60412
UniProt ID:	Q96A65
Cytogenetics:	7q33
Domains:	Sec8_exocyst
Protein Pathways:	Tight junction



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MW: 110.5 kDa

Gene Summary: The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]