

Product datasheet for **RC210263L4V**

EXOC2 (NM_018303) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EXOC2 (NM_018303) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EXOC2
Synonyms:	NEDFACH; SEC5; SEC5L1; Sec5p
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018303
ORF Size:	2772 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210263).
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_018303.4
RefSeq Size:	4458 bp
RefSeq ORF:	2775 bp
Locus ID:	55770
UniProt ID:	Q96KP1
Cytogenetics:	6p25.3
Domains:	IPT
MW:	103.9 kDa


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Gene Summary:

The protein encoded by this gene is a component of the exocyst complex, a multi-protein complex essential for the polarized targeting of exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and the functions of the 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. This interaction has been shown to mediate filopodia formation in fibroblasts. This protein has been shown to interact with the Ral subfamily of GTPases and thereby mediate exocytosis by tethering vesicles to the plasma membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]