

Product datasheet for **RC206163L3V**

EXOC6 (NM_019053) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EXOC6 (NM_019053) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EXOC6
Synonyms:	EXOC6A; SEC15; SEC15L; SEC15L1; SEC15L3; Sec15p
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019053
ORF Size:	2412 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206163).
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_019053.3
RefSeq Size:	3637 bp
RefSeq ORF:	2415 bp
Locus ID:	54536
UniProt ID:	Q8TAG9
Cytogenetics:	10q23.33
Domains:	Sec15
MW:	93.6 kDa


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Gene Summary:

The protein encoded by this gene is highly similar to the *Saccharomyces cerevisiae* SEC15 gene product, which is essential for vesicular traffic from the Golgi apparatus to the cell surface in yeast. It is one of the components of a multiprotein complex required for exocytosis. The 5' portion of this gene and two neighboring cytochrome p450 genes are included in a deletion that results in an autosomal-dominant form of nonsyndromic optic nerve aplasia (ONA). Alternative splicing and the use of alternative promoters results in multiple transcript variants. A paralogous gene encoding a similar protein is present on chromosome 2. [provided by RefSeq, Jan 2016]