

## Product datasheet for **RC221632L3V**

### SEC24C (NM\_004922) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SEC24C (NM_004922) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SEC24C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004922
ORF Size:	3282 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221632).
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. <a href="#">More info</a>
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:	<a href="#">NM_004922.3</a>
RefSeq Size:	4563 bp
RefSeq ORF:	3285 bp
Locus ID:	9632
UniProt ID:	<a href="#">P53992</a>
Cytogenetics:	10q22.2
Domains:	zf-Sec23_Sec24, Sec23_trunk, Sec23_helical, Gelsolin
MW:	118.3 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The product of this gene may play a role in shaping the vesicle, as well as in cargo selection and concentration. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]