

## Product datasheet for **MR208428L4V**

### Acbd3 (NM\_133225) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Acbd3 (NM_133225) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Acbd3
Synonyms:	60kDa; 8430407O11Rik; D1Ertd10e; GCP60; Gocap1; GOLPH1; Pap7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133225
ORF Size:	1578 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208428).
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_133225.1</a> , <a href="#">NP_573488.1</a>
RefSeq Size:	3487 bp
RefSeq ORF:	1578 bp
Locus ID:	170760
UniProt ID:	<a href="#">Q8BMP6</a>
Cytogenetics:	1 84.46 cM



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**Gene Summary:**

Involved in the maintenance of Golgi structure by interacting with giantin, affecting protein transport between the endoplasmic reticulum and Golgi (By similarity). Involved in hormone-induced steroid biosynthesis in testicular Leydig cells (PubMed:12711385). Recruits PI4KB to the Golgi apparatus membrane; enhances the enzyme activity of PI4KB activity via its membrane recruitment thereby increasing the local concentration of the substrate in the vicinity of the kinase (By similarity).[UniProtKB/Swiss-Prot Function]