

## Product datasheet for **RC204855L1V**

### COG2 (NM\_007357) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	COG2 (NM_007357) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COG2
Synonyms:	CDG2Q; LDLC
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_007357
ORF Size:	2214 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204855).
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_007357.1</a>
RefSeq Size:	2977 bp
RefSeq ORF:	2217 bp
Locus ID:	22796
UniProt ID:	<a href="#">Q14746</a>
Cytogenetics:	1q42.2
Protein Families:	Druggable Genome
MW:	83.2 kDa


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**Gene Summary:**

This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi complex. The encoded protein specifically interacts with the USO1 vesicle docking protein and may be necessary for normal Golgi ribbon formation and trafficking of Golgi enzymes. Mutations of this gene are associated with abnormal glycosylation within the Golgi apparatus. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2009]