

Product datasheet for **RC209641L4V**

GM130 (GOLGA2) (NM_004486) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GM130 (GOLGA2) (NM_004486) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GM130
Synonyms:	GM130
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004486
ORF Size:	3006 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209641).
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_004486.4 , NP_004477.3
RefSeq Size:	4304 bp
RefSeq ORF:	3009 bp
Locus ID:	2801
UniProt ID:	Q08379
Cytogenetics:	9q34.11
Domains:	M
MW:	113.5 kDa



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Gene Summary:

The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This encoded protein has been postulated to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined. [provided by RefSeq, Feb 2010]