

## Product datasheet for **RC212812L3V**

### MPG (NM\_001015052) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MPG (NM_001015052) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MPG
Synonyms:	AAG; ADPG; anpg; APNG; CRA36.1; MDG; Mid1; PIG11; PIG16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001015052
ORF Size:	879 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212812).
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_001015052.2</a>
RefSeq Size:	1096 bp
RefSeq ORF:	882 bp
Locus ID:	4350
UniProt ID:	<a href="#">P29372</a>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Base excision repair



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**MW:** 32.2 kDa

**Gene Summary:** Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.  
[UniProtKB/Swiss-Prot Function]