

Product datasheet for **RC214991L4V**

CHMP1A (NM_002768) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHMP1A (NM_002768) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHMP1A
Synonyms:	CHMP1; PCH8; PCOLN3; PRSM1; VPS46-1; VPS46A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002768
ORF Size:	588 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214991).
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_002768.1
RefSeq Size:	2474 bp
RefSeq ORF:	591 bp
Locus ID:	5119
UniProt ID:	Q9HD42
Cytogenetics:	16q24.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	21.5 kDa



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Gene Summary:

This gene encodes a member of the CHMP/Chmp family of proteins which are involved in multivesicular body sorting of proteins to the interiors of lysosomes. The initial prediction of the protein sequence encoded by this gene suggested that the encoded protein was a metalloproteinase. The nomenclature has been updated recently to reflect the correct biological function of this encoded protein. Several transcripts encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]