OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC209829L2V

PSMD14 (NM_005805) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSMD14 (NM_005805) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSMD14
Synonyms:	PAD1; POH1; RPN11
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005805
ORF Size:	930 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209829).`
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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_005805.2
RefSeq Size:	1734 bp
RefSeq ORF:	933 bp

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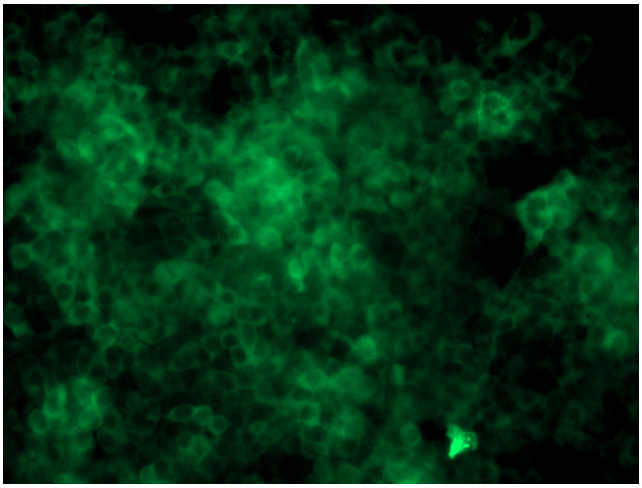
Locus ID:	10213
UniProt ID:	O00487
Cytogenetics:	2q24.2
Domains:	JAB_MPN
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Proteasome
MW:	34.6 kDa
Gene Summary:	This gene encodes a component of the 26S proteasome. The 26S proteasome is a large multiprotein complex that catalyzes the degradation of ubiquitinated intracellular proteins. The encoded protein is a component of the 19S regulatory cap complex of the 26S proteasome and mediates substrate deubiquitination. A pseudogene of this gene is also located on the long arm of chromosome 2. [provided by RefSeq, Feb 2012]

Product images:



[RC209829L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209829L2V particle to overexpress human PSMD14-mGFP fusion protein.