

OriGene Technologies, Inc.

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Product datasheet for RC228770L4V

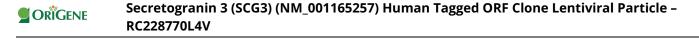
Secretogranin 3 (SCG3) (NM_001165257) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Secretogranin 3 (SCG3) (NM_001165257) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Secretogranin 3
Synonyms:	SGIII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001165257
ORF Size:	1407 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228770).
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. <u>More info</u>
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:	<u>NM 001165257.1, NP 001158729.1</u>
RefSeq Size:	3313 bp
RefSeq ORF:	711 bp
Locus ID:	29106
UniProt ID:	Q8WXD2
Cytogenetics:	15q21.2
Protein Families:	Druggable Genome, Secreted Protein
MW:	53 kDa



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Gene Summary:The protein encoded by this gene is a member of the chromogranin/secretogranin family of
neuroendocrine secretory proteins. Granins may serve as precursors for biologically active
peptides. Some granins have been shown to function as helper proteins in sorting and
proteolytic processing of prohormones; however, the function of this protein is unknown.
Two transcript variants encoding different isoforms have been found for this gene. [provided
by RefSeq, Sep 2009]

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