

Product datasheet for **MR200231L4V**

Scgb3a2 (BC061046) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Scgb3a2 (BC061046) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Scgb3a2
Synonyms:	Pnsp1, Utgrp1, LuLeu1, UGRP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC061046
ORF Size:	273 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200231).
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:	BC061046.1
RefSeq Size:	664 bp
RefSeq ORF:	275 bp
Locus ID:	117158
Cytogenetics:	18 B3



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Gene Summary:

Secreted cytokine-like protein (By similarity). Binds to the scavenger receptor MARCO (By similarity). Can also bind to pathogens including the Gram-positive bacterium *L.monocytogenes*, the Gram-negative bacterium *P.aeruginosa*, and yeast (By similarity). Strongly inhibits phospholipase A2 (PLA2G1B) activity (PubMed:24213919). Seems to have anti-inflammatory effects in respiratory epithelium (PubMed:16456148, PubMed:25242865). Also has anti-fibrotic activity in lung (PubMed:24213919, PubMed:26559674). May play a role in fetal lung development and maturation (PubMed:18535256). Promotes branching morphogenesis during early stages of lung development (PubMed:18535256). In the pituitary, may inhibit production of follicle-stimulating hormone (FSH) and luteinizing hormone (LH) (PubMed:24514953).[UniProtKB/Swiss-Prot Function]