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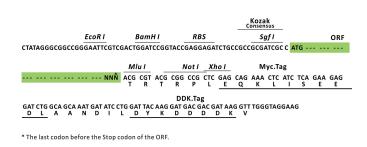
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Product datasheet for RC220905L3

Lipophilin B (SCGB1D2) (NM_006551) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipophilin B (SCGB1D2) (NM_006551) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	Lipophilin B
Synonyms:	LIPB; LPHB; LPNB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220905).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf1 ORF Mlu I GCG ATC GC ATG// NNN ACG CGT



ACCN: ORF Size: NM_006551 270 bp



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GRIGENE Lipoph	ilin B (SCGB1D2) (NM_006551) Human Tagged Lenti ORF Clone – RC220905L3
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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 006551.3</u>
RefSeq Size:	454 bp
RefSeq ORF:	273 bp
Locus ID:	10647
UniProt ID:	<u>095969</u>
Cytogenetics:	11q12.3
Protein Families:	Secreted Protein
MW:	9.9 kDa
Gene Summary:	The protein encoded by this gene is a member of the lipophilin subfamily, part of the uteroglobin superfamily, and is an ortholog of prostatein, the major secretory glycoprotein of the rat ventral prostate gland. Lipophilin gene products are widely expressed in normal tissues, especially in endocrine-responsive organs. Assuming that human lipophilins are the functional counterparts of prostatein, they may be transcriptionally regulated by steroid hormones, with the ability to bind androgens, other steroids and possibly bind and concentrate estramustine, a chemotherapeutic agent widely used for prostate cancer. Although the gene has been reported to be on chromosome 10, this sequence appears to be

from a cluster of genes on chromosome 11 that includes mammaglobin 2. [provided by

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RefSeq, Jul 2008]