

Product datasheet for **RC218412L1V**

SC5DL (SC5D) (NM_006918) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SC5DL (SC5D) (NM_006918) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SC5D
Synonyms:	ERG3; S5DES; SC5DL
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006918
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218412).
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_006918.3
RefSeq Size:	2164 bp
RefSeq ORF:	900 bp
Locus ID:	6309
UniProt ID:	O75845
Cytogenetics:	11q23.3-q24.1
Domains:	Sterol_desat
Protein Families:	Druggable Genome, Transmembrane



[View online »](#)

Protein Pathways: Metabolic pathways, Steroid biosynthesis

MW: 35.1 kDa

Gene Summary: This gene encodes an enzyme of cholesterol biosynthesis. The encoded protein catalyzes the conversion of lathosterol into 7-dehydrocholesterol. Mutations in this gene have been associated with lathosterolosis. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008]