

Product datasheet for **RC204699L4V**

beta Sarcoglycan (SGCB) (NM_000232) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	beta Sarcoglycan (SGCB) (NM_000232) Human Tagged ORF Clone Lentiviral Particle
Symbol:	beta Sarcoglycan
Synonyms:	A3b; LGMD2E; LGMDR4; SGC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000232
ORF Size:	954 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204699).
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_000232.3
RefSeq Size:	4295 bp
RefSeq ORF:	957 bp
Locus ID:	6443
UniProt ID:	Q16585
Cytogenetics:	4q12
Domains:	sarcoglycan
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM), Viral myocarditis

MW: 34.8 kDa

Gene Summary: This gene encodes a member of the sarcoglycan family. Sarcoglycans are transmembrane components in the dystrophin-glycoprotein complex which help stabilize the muscle fiber membranes and link the muscle cytoskeleton to the extracellular matrix. Mutations in this gene have been associated with limb-girdle muscular dystrophy.[provided by RefSeq, Oct 2008]