

**Specifications:**

Gene:	<i>h</i> SGCB
Accession:	NP_000223
Insert size:	970bp
Concentration:	10µg at 0.2µg/µL

## *h*β-Sarcoglycan cDNA Plasmid

**SGCB sarcoglycan beta [ *Homo sapiens* (human) ]**

**Also known as:** A3b; SGC; LGMD2E

**Summary:**

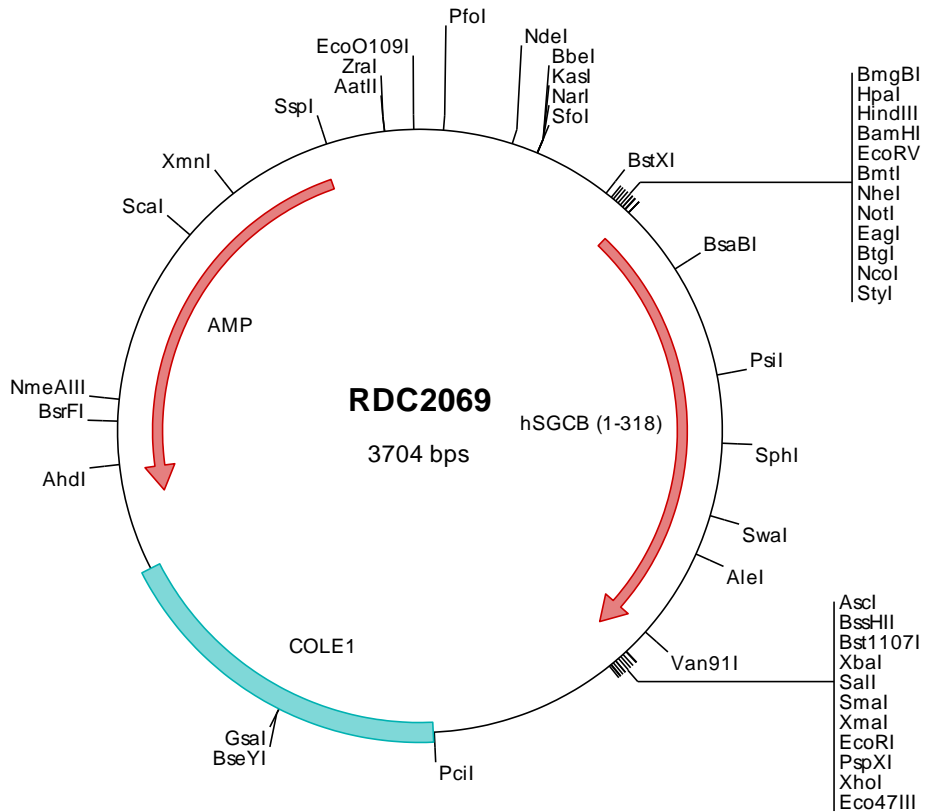
SGCB is a member of the sarcoglycan family. Sarcoglycans are transmembrane components in the dystrophin-glycoprotein complex which help stabilize the muscle fiber membranes and link the muscle cytoskeleton to the extracellular matrix. Mutations in SGCB have been associated with limb-girdle muscular dystrophy.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

**Formulation** cDNA is provided in 10 mM Tris-Cl, pH 8.5  
**Shipping** Ships at ambient temperature  
**Stability** 1 year from date of receipt when stored at -20°C to -80°C  
**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC2069 Plasmid DNA Sequence

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> RDC2069 Translated Insert Sequence

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