

Recombinant Human SGCD

Cat. No. SGCD-26997TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human delta Sarcoglycan protein with an N terminal proprietary tag; Predicted MW 33.99 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	76 amino acids
Description	The protein encoded by this gene is one of the four known components of the sarcoglycan complex, which is a subcomplex of the dystrophin-glycoprotein complex (DGC). DGC forms a link between the F-actin cytoskeleton and the extracellular matrix. This protein is expressed most abundantly in skeletal and cardiac muscle. Mutations in this gene have been associated with autosomal recessive limb-girdle muscular dystrophy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.
Molecular Weight	33.990kDa
Tissue specificity	Most strongly expressed in skeletal and cardiac muscle. Also detected in smooth muscle. Weak expression in brain and lung.
Form	Liquid
Purity	Proprietary Purification

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	ILNDQTKVLTQLITGPKAVEAYGKKFEVKTVSGKLLFSADNNEVVVGAERLRVLGAE GTVFPKSIETPNVRADPFK
Sequence Similarities	Belongs to the sarcoglycan beta/delta/gamma/zeta family.

GENE INFORMATION

Gene Name	SGCD sarcoglycan, delta (35kDa dystrophin-associated glycoprotein) [Homo sapiens]
Official Symbol	SGCD
Synonyms	SGCD; sarcoglycan, delta (35kDa dystrophin-associated glycoprotein); sarcoglycan, delta (35kD dystrophin associated glycoprotein); delta-sarcoglycan; CMD1L; DAGD; LGMD2F;
Gene ID	6444
mRNA Refseq	NM_000337
Protein Refseq	NP_000328
MIM	601411
Uniprot ID	Q92629

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Chromosome
Location**

5q33-q34

Pathway

Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem; Hypertrophic cardiomyopathy (HCM), organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA