

SGCD (Human) Recombinant protein

Catalog # P9130

Size 20 ug

Specification

Product Description	Human SGCD (Q92629, 57 a.a. - 289 a.a) partial recombinant protein with His-tag at N-terminal expressed in <i>Escherichia Coli</i> .
Sequence	MGSSHHHHHH SSGLVPRGSH RSHMKVMNFT IDGMGNLRIT EKGLKLEGDS EFLQPLYAKE IQS RPGNALY FKSARNVTVN ILNDQTKVLT QLITGPKAVE AYGKKFEVKT VSGKLLFSAD NNEVVVG AER LRVLGAEGTV FPKSIETPNV RADPFKELRL ESPTRSLVME APKGVEINAE AGNMEATCRT ELRLESKDGE IKLDAAKIRL PRLPHGSYTP TGTRQKVFEI CVCANGRLFL SQAGAGSTCQ INTS VCL.
Host	Escherichia coli
Theoretical MW (kDa)	28
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85% by SDS-PAGE.
Storage Buffer	In 20mM Tris-HCl buffer, pH 8.0, 0.4M Urea and 10% glycerol.
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — SGCD

Entrez GeneID [6444](#)

Protein Accession# [Q92629](#)

Gene Name	SGCD
Gene Alias	35DAG, CMD1L, DAGD, MGC22567, SG-delta, SGCDP, SGD
Gene Description	sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)
Omim ID	601287 601411 606685
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	35kD dystrophin-associated glycoprotein delta-sarcoglycan dystrophin associated glycoprotein, delta sarcoglycan placental delta sarcoglycan sarcoglycan, delta (35kD dystrophin-associated glycoprotein)

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)

Disease

- [Angina Pectoris](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Coronary Vasospasm](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)