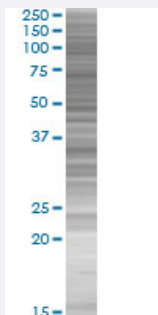


SGCD 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006444-T01

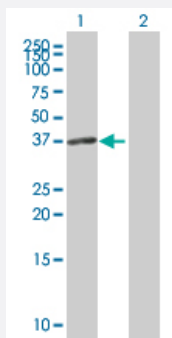
Size 100 uL

Applications



SDS-PAGE Gel

SGCD transfected lysate.



Western Blot

Lane 1: SGCD transfected lysate (32.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SGCD full-length

Host Human

Theoretical MW (kDa) 32.2

Quality Control Testing Transient overexpression cell lysate was tested with Anti-SGCD antibody ([H00006444-B01](#)) by Western Blots.

SDS-PAGE Gel
SGCD transfected lysate.

Western Blot
Lane 1: SGCD transfected lysate (32.2 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SGCD

Entrez GeneID[6444](#)**GeneBank Accession#**[NM_000337.4](#)**Protein Accession#**[-](#)**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](#)