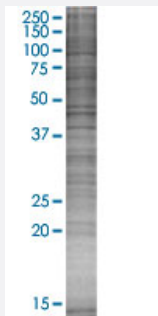


SGCD 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006444-T02

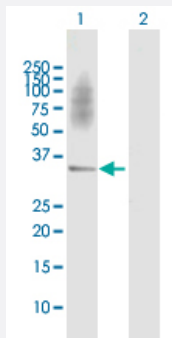
Size 100 uL

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-D01](#)) 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#	NP_000328.2
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](#)