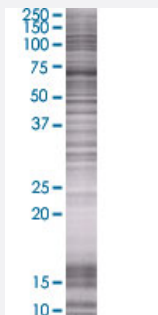


SGCG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006445-T01

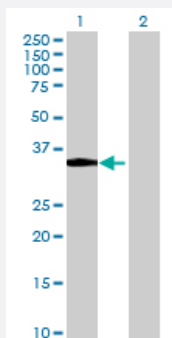
Size 100 uL

Applications



SDS-PAGE Gel

SGCG transfected lysate.



Western Blot

Lane 1: SGCG transfected lysate (32.12 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SGCG full-length
Host	Human
Theoretical MW (kDa)	32.12
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-SGCG antibody (H00006445-B01) by Western Blots. SDS-PAGE Gel SGCG transfected lysate. Western Blot Lane 1: SGCG transfected lysate (32.12 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 — SGCG

Entrez GeneID	6445
GeneBank Accession#	NM_000231.1
Protein Accession#	NP_000222.1
Gene Name	SGCG
Gene Alias	A4, DAGA4, DMDA, DMDA1, LGMD2C, MAM, MGC130048, SCARMD2, SCG3, TYPE
Gene Description	sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein)
Omim ID	253700 608896
Gene Ontology	Hyperlink
Gene Summary	This gene encodes gamma-sarcoglycan, one of several sarcolemmal transmembrane glycoproteins that interact with dystrophin. The dystrophin-glycoprotein complex (DGC) spans the sarcolemma and is comprised of dystrophin, syntrophin, alpha- and beta-dystroglycans and sarcoglycans. The DGC provides a structural link between the subsarcolemmal cytoskeleton and the extracellular matrix of muscle cells. Defects in the encoded protein can lead to early onset autosomal recessive muscular dystrophy, in particular limb-girdle muscular dystrophy, type 2C (LGMD2C). [provided by RefSeq]
Other Designations	35kD dystrophin-associated glycoprotein OTTHUMP00000018112 gamma sarcoglycan sarcoglycan, gamma (35kD dystrophin-associated glycoprotein)

Pathway

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

Disease

- [Muscular Dystrophies](#)
- [Tobacco Use Disorder](#)