



Human SGCG blocking peptide (CDBP1334)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-gamma sarcoglycan antibody
Antigen Description	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, Oct 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SGCG sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein) [Homo sapiens (human)]
Official Symbol	SGCG

Synonyms	SGCG; sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein); A4; MAM; DMDA; SCG3; TYPE; DAGA4; DMDA1; LGMD2C; SCARMD2; gamma-sarcoglycan; 35DAG; gamma-SG; gamma sarcoglycan; 35kD dystrophin-associated glycoprotein; 35 kDa dystrophin-associated glycoprotein;
Entrez Gene ID	6445
mRNA Refseq	NM_000231.2
Protein Refseq	NP_000222.1
UniProt ID	Q13326
Chromosome Location	13q12
Pathway	Arrhythmogenic right ventricular cardiomyopathy, organism-specific biosystem; 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; Hypertrophic cardiomyopathy (HCM), conserved biosystem; Viral myocarditis, organism-specific biosy
Function	protein binding;