

Product Information

MemDX™ Membrane Protein Human SGCD (Sarcoglycan delta) Full Length

Cat. No.: **MPC4177K**

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

This product is a made-to-order Human SGCD membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SGCD

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MPQEQYTHHRSTMPGSVGPQVYKVGIIYGWRKRCLYFFVLLLMIILVNLA
MTIWILKVMNFTIDGMGNLRITEKGLKLEGDSEFLQPLYAKEIQSRPGNA
LYFKSARNVTVNILNDQTKVLTQLITGPKAVEAYGKKFEVKTVSGKLLFS
ADNNEVVVGAERLRVLGAEGTVFPKSIETPNVRADPFKELRLESPTSLV
MEAPKGVEINAEAGNMEATCRTELRLSKDGEIKLDAAKIRLPRLPHGSY
TPTGTRQKVFEICVCANGRLFLSQAGAGSTCQINTSVCL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SGCD

Full Name

Sarcoglycan delta

Introduction

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.

Alternative Names

SGCD; SGD; DAGD; 35DAG; CMD1L; SGCDP; LGMDR6; SG-delta; delta-sarcoglycan; 35 kDa dystrophin-associated glycoprotein; delta-SG; dystrophin associated glycoprotein, delta sarcoglycan; placental delta sarcoglycan; sarcoglycan, delta (35kDa dystrophin-associated glycoprotein); Sarcoglycan delta

Gene ID

[6444](#)

UniProt ID

[Q92629](#)