

Product Information

MemDX™ Membrane Protein Human SGCB (Sarcoglycan beta)

Cat. No.: **MP0298J**

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

This product is a 34.6 kDa Human SGCB membrane protein expressed in HEK293T. 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

SGCB

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

34.6 kDa

TMD

1

Sequence

MAAAAAAAAAEQSSNGPVKKSMREKAVERRSVNKEHNSNFKAGYIPIDEDRLHKTGLRGRKGNLAICVII
LLFILAVINLIITLVIWAVIRIGPNGCDSMEFHESGLLRFKQVSDMGVIHPLYKSTVGGRRNENLVITGN
NQPIVFQQGTTKLSVENNKTSITSDIGMQFFDPRTQNILFSTDYETHEFHLP SGVKSLNVQKASTERITS
NATSDLNKVDGRAIVRGNEGVFIMGKTIEFHMGGNMELKAENSIILNGSVMVSTTRLPSSSSG DQLGSG
DWVRYKLCMCADGTLFKVQVTSQNMGCQISDNPCGNTH

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

SGCB

Full Name

Sarcoglycan beta

Introduction

This gene encodes a member of the sarcoglycan family. Sarcoglycans are transmembrane components in the dystrophin-glycoprotein complex which help stabilize the muscle fiber membranes and link the muscle cytoskeleton to the extracellular matrix. Mutations in this gene have been associated with limb-girdle muscular dystrophy.

Alternative Names

A3b; SGC; LGMD2E; LGMDR4; 43 kDa dystrophin-associated glycoprotein; beta-SG; limb girdle muscular dystrophy 2E (non-linked families)

Gene ID

[6443](#)

UniProt ID

[Q16585](#)