

Product Information

MemDX™ Membrane Protein Human SSPN (Sarcospan) for Antibody Discovery

Cat. No.: **MP0684J**

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

This product is a 26.4 kDa Human SSPN 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

SSPN

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

26.4 kDa

TMD

4

Sequence

MGKNKQPRGQQRQGGPPAADAAGPDDMEPKKGTGAPKECGEEEPRTCCGCRFPLLLALLQLALGIAVTVV
GFLMASISSLLVRDTPFWAGIIVCLVAYLGLFMLCVSYQVDERTCIQFSMKLLYFLLSALGLTVCVLAV
AFAAHYSQLTQFTCETTLDSQCCKLPSSSEPLSRTFVYRDVTDCTSVTGTGTFKLFLLIQMILNLVCGLVCL
LACFVMWKHRYQVFYVGVRICSLTASEGPQQKI

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**

SSPN

Full Name

Sarcospan

Introduction

This gene encodes a member of the dystrophin-glycoprotein complex (DGC). The 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. Two alternatively spliced transcript variants that encode different protein isoforms have been described.

Alternative Names

KRAG; NSPN; SPN1; SPN2; DAGA5

Gene ID

[8082](#)

UniProt ID

[Q14714](#)