

# 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

MGKNKQPRGQQRQGGPPAADAAAGPDDMEPKKGTGAPKECGEEEPRTCCGCRFPLLLALLQLALGIAVTVV  
GFLMASISSLLVRDTPFWAGIIVCLVAYLGLFMLCVSYQVDERTCIQFSMKLLYFLLSALGLTVCVLAV  
AFAAHHYSQLTQFTCETTLDSCQCKLPSSEPLSRTFVYRDVTDCTSVTGTFKLFLLIQMIILNLVCGLVCL  
LACFVMWKRYQVFYVGVRICSLTASEGPQQKI

### 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](#)