

Product Information

MemDX™ Membrane Protein Human SSPN (Sarcospan) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2285K**

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

This product is a Human SSPN membrane protein expressed *in vitro* *E.coli* expression system. 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

Receptor

TMD

4

Sequence

MGKNKQPRGQQRQGGPPAADAAGPDDMEPKKGTGAPKECGEEEPRTCCGCRFPLLLALLQLALGIAVTVVGFLMASISSLLVRD

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

SSPN; Krag; NSPN; SPN1; SPN2; Daga5; K-ras oncogene-associated protein; Kras oncogene-associated; kirsten-ras-associated protein; microspan; nanospan; sarcospan (Kras oncogene-associated gene); Sarcospan

Gene ID

[8082](#)

UniProt ID

[Q14714](#)