

Product Information

MemDX™ Membrane Protein Human SUN5 (Sad1 and UNC84 domain containing 5) Full

Length

Cat. No.: **MPC4552K**

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

This product is a made-to-order Human SUN5 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

SUN5

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MPRSSSRSPGDPGALLEDVAHNPRPRRIAQRGRNTSRMAEDTSPNMNDNIL
LPVRNNDQALGLTQCMLGCVSWFTCFACSLRTQAQQVLFNTCRCKLLCQK
LMEKTGILLLLCAFGFWMFSLHPSKMKVWQDDSSINGPLQSLRLYQEKVRH
HSGEIQDLRGSMNQLIAKLQEMEAMSDEQKMAQKIMKMIHGDYIEKPDFA
LKSIGASIDFEHTSVTYNHEKAHSYWNWIQLWNYAQPPDVILEPNVTPGN
CWAFFEGDRGQVTIQLAQKVYLSNLTQHIPKTISLSGSLDTAPKDFVIYG
MEGSPKEEVFLGAFQFQPENIIQMFPLQNQPARAFSAVKVKISSNWGNPG
FTCLYRVRVHGSAVPPREQPHQNPYPKRD

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**

SUN5

Full Name

Sad1 and UNC84 domain containing 5

Introduction

The protein encoded by this gene appears to play a role in the meiotic stage of spermatogenesis. The encoded protein localizes to the junction between the sperm head and body and may be involved in nuclear envelope reconstitution and nuclear migration. Mutations in this gene have been implicated in acephalic spermatozoa syndrome.

Alternative Names

SUN5; SPAG4L; SPGF16; TSARG4; dJ726C3.1; SUN domain-containing protein 5; epididymis secretory sperm binding protein; sad1 and UNC84 domain-containing protein 5; sperm-associated antigen 4-like protein; testis and spermatogenesis related gene 4; testis and spermatogenesis-related gene 4 protein; Sad1 and UNC84 domain containing 5

Gene ID

[140732](#)

UniProt ID

[Q8TC36](#)