

Product Information

MemDX™ Membrane Protein Human SPACA3 (Sperm acrosome associated 3) Full Length

Cat. No.: **MPC3824K**

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

This product is a made-to-order Human SPACA3 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

SPACA3

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MVSALRGAPLIRVHSSPVSSPSVSGPRRLVSCLSSQSSALSQSGGGSTSA
AGIEARSRALRRRWCPAGIMLLALVCLLSCLLPSSSEAKLYGRCELARVLH
DFGLDGYRGYSLADWWCLAYFTSGFNAAALDYEADGSTNNGIFQINSRRW
CSNLTPNVPNVCRMYCSDLLNPNLKDTVICAMKITQEPQGLGYWEAWRHH
CQ GKDLTEWVDG CDF

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

SPACA3

Full Name

Sperm acrosome associated 3

Introduction

The protein encoded by this gene is a sperm surface protein that may be involved in adhesion to the egg prior to fertilization. While the encoded protein has significant similarity to lysozyme at the amino acid level, it has no detectable bacteriocidal activity. Several transcript variants encoding different isoforms have been found for this gene.

Alternative Names

SPACA3; CT54; LYC3; LYZC; LYZL3; SLLP1; ALLP17; sperm acrosome membrane-associated protein 3; cancer/testis antigen 54; lysozyme C; lysozyme-like acrosomal sperm-specific secretory protein ALLP-17; lysozyme-like protein 3; lysozyme-like sperm-specific secretory protein ALLP17; sperm lysozyme-like protein 1; sperm lysozyme-like acrosomal protein 1; sperm protein reactive with ASA; sperm protein reactive with antisperm antibodies; Sperm acrosome associated 3

Gene ID

[124912](#)

UniProt ID

[Q8IXA5](#)