

# Product Information

## MemDX™ Membrane Protein Human SCAMP1 (Secretory carrier membrane protein 1) Full Length

Cat. No.: **MPC4070K**

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

This product is a made-to-order Human SCAMP1 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

SCAMP1

#### Protein Length

Full length

#### Protein Class

Transporter

#### TMD

4

#### Sequence

MSDFDSNPFADPDLNPNPKDPSVTQVTRNVPPGLDEYNPFSDSRTPPPGG  
VKMPNVPNTQPAIMKPTEEHPAYTQIAKEHALAQAE LLKRQEELERKAAE  
LDRREREMQNLSQHGRKNNWPPLPSNFPVGPFCFYQDFSVDIPVEFQKTVK  
LMYYLWMFHAVTLFLNIFGCLAWFCVDSARAVDFGLSILWFLFTPCSFV  
CWYRPLYGAFRSDSSFRFFVFFVYICQFAVHVLQAAGFHNWGNCGWISS  
LTGLNQNI PVGIMMIIIAALFTASAVISLVMFKKVHGLYRTTGASF EKAQ  
QEFATGVMSNKT VQTAAANA ASTAASSAAQNAFKGNQI

### 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**

SCAMP1

**Full Name**

Secretory carrier membrane protein 1

**Introduction**

This gene product belongs to the SCAMP family of proteins, which are secretory carrier membrane proteins. They function as carriers to the cell surface in post-golgi recycling pathways. Different family members are highly related products of distinct genes, and are usually expressed together. These findings suggest that these protein family members may function at the same site during vesicular transport rather than in separate pathways. A pseudogene of this gene has been defined on chromosome 1. Alternative splicing results in multiple transcript variants.

**Alternative Names**

SCAMP1; SCAMP; SCAMP37; secretory carrier-associated membrane protein 1; Secretory carrier membrane protein 1

**Gene ID**

[9522](#)

**UniProt ID**

[Q15126](#)