

Product Information

MemDX™ Membrane Protein Human SCAMP4 (Secretory carrier membrane protein 4) Full Length

Cat. No.: **MPC3072K**

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

This product is a made-to-order Human SCAMP4 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

SCAMP4

Protein Length

Full length

Protein Class

Transporter

TMD

4

Sequence

MSEKENNFPLPKFIPVKPCFYQNFSDEIPVEHQVLVKRIYRLWMFYCAT
LGVNLIACLAWWIGGGSGTNFGLAFVWLLFTPCGYVCWFRPVYKAFRAD
SSFNFMAMFFIFGAQFVLTVIQAIGFSGWGACGWLSAIGFFQYSPGAADV
MLLPAIMFSVSAAMMAIAIMKVHRIYRGAGGSFQKAQTEWNTGTWRNPPS
REAYNNFSGNSLPEYPTVPSYPGSGQWP

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

SCAMP4

Full Name

Secretory carrier membrane protein 4

Introduction

Secretory carrier membrane proteins (SCAMPs) are widely distributed integral membrane proteins implicated in membrane trafficking. Most SCAMPs (e.g., SCAMP1; MIM 606911) have N-terminal cytoplasmic NPF (arg-pro-phe) repeats, 4 central transmembrane regions, and a short C-terminal cytoplasmic tail. These SCAMPs likely have a role in endocytosis that is mediated by their NPF repeats. Other SCAMPs, such as SCAMP4, lack the NPF repeats and are therefore unlikely to function in endocytosis.

Alternative Names

SCAMP4; SCAMP-4; secretory carrier-associated membrane protein 4; Secretory carrier membrane protein 4

Gene ID

[113178](#)

UniProt ID

[Q969E2](#)