SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
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Product Information

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

Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2250K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human SCAMP4 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
SCAMP4

Protein Length
Full Length

Protein Class
Transport

TMD
4

Sequence
MSEKENNFPPLPKFIPVKPCFYQNFSDEIPVEHQVLVKRIYRLWMFYCATLGVNLIACLAWWIGGGSGTNFGLAFVWLLLFTPCGYV

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

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

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