

Product Information

MemDX™ Membrane Protein Human VAMP4 (Vesicle associated membrane protein 4) Full Length

Cat. No.: **MPC4269K**

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

This product is a made-to-order Human VAMP4 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

VAMP4

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MPPKFKRHLNDDDDVTGSVKSEERNLLEDDSDDEEDFFLRGPSGPRFGPRN
DKIKHVQNQVDEVIDVMQENITKVIERGERLDELQDKSESLSDNATAFSN
RSKQLRRQMWWRGCKIKAIMALVAAILLVILVIMKYRT

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**

VAMP4

Full Name

Vesicle associated membrane protein 4

Introduction

Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport.

Alternative Names

VAMP4; VAMP-4; VAMP24; VAMP4/TAF3 fusion; Vesicle associated membrane protein 4

Gene ID

[8674](#)

UniProt ID

[O75379](#)