

Product Information

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

expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1478X**

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

This product is a 41.25 kDa Human VAMP4 membrane protein expressed in *In vitro* wheat germ 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

VAMP4

Protein Length

Full-length

Molecular Weight

41.25 kDa

TMD

1

Sequence

MPPKFKRHLNDDDDVTGSVKSERRNLLEDDSDDEEDFFLRGPSGPRFGPRNDKIKHVQNQVDEVIDVMQENITKVIERGERLDELQD

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

Store at +4°C for up to one week or several months at -80°C

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

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

Gene ID

[8674](#)

UniProt ID

[Q75379](#)