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Product Information

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

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

Cat. No.: **MPX3698K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human VAMP4 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
VAMP4

Protein Length
Full Length

Protein Class
Receptor

TMD
1

Sequence
MPPKFKRHLNDDDVTGSVKSERRNLLEDDSDEEEDFFLRGPSGPRFGPRNDKIKHVQNQVDEVIDVMQENITKVIERGERLDELQD

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

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