

Product Information

MemDX™ Membrane Protein Human AP4M1 (Adaptor related protein complex 4 subunit mu 1) for Antibody Discovery

Cat. No.: **MP0043X**

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

This product is a 75.57 kDa Human AP4M1 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

AP4M1

Protein Length

Full-length

Molecular Weight

75.57 kDa

Sequence

MISQFFILSSKGDPLIYKDFRGDSGGRDVAELFYRKLTGLPGDESPVVMHHHGRHFHHRHSGLYLVVTTSENVSPFSLLELLSRLATL

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

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

AP4M1

Full Name

Adaptor related protein complex 4 subunit mu 1

Introduction

This gene encodes a subunit of the heterotetrameric AP-4 complex. The encoded protein belongs to the adaptor complexes medium subunits family. This AP-4 complex is involved in the recognition and sorting of cargo proteins with tyrosine-based motifs from the trans-golgi network to the endosomal-lysosomal system

Alternative Names

MU-4; MU-ARP2; AP-4 adapter complex mu subunit; adaptor-related protein complex AP-4 mu4 subunit; mu subunit of AP-4; mu-adaptin-related protein-2

Gene ID

[9179](#)

UniProt ID

[Q00189](#)