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Product Information

MemDX™ Membrane Protein Human AP2M1 (Adaptor related protein complex 2 subunit mu 1) for Antibody Discovery

Cat. No.: **MP0040X**
This product is for research use only and is not intended for diagnostic use.

This product is a 76.1 kDa Human AP2M1 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
AP2M1

Protein Length
Full-length

Molecular Weight
76.1 kDa

Sequence
MIGGLFIYNHKGEVLISRVYRDDIGRNAVDAFRVNVIHARQQVRSPVTNIARTSFFHVKRSNIWLAAVTKQNVNAAMVFEFLYKMCDV

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

AP2M1

Full Name

Adaptor related protein complex 2 subunit mu 1

Introduction

This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Three transcript variants encoding different isoforms have been found for this gene

Alternative Names

AP50; CLAPM1; mu2; AP-2 mu 2 chain,HA2 50 kDA subunit; clathrin adaptor complex AP2, mu subunit,clathrin assembly protein complex 2 medium chain; clathrin coat adaptor protein AP50; clathrin-associated/assembly/adaptor protein, medium 1,plasma membrane adaptor AP-2 50kDA prote

Gene ID

1173

UniProt ID

Q96CW1