



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### AP2M1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001173-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human AP2M1 full-length ORF ( NP\_004059.2, 1 a.a. - 435 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MIGGLFIYNHKGEVLISRVRDDIGRNAVD AFRVNVIIHA  
RQQVRSPVTNIARTSFFHVKRSNIWLA AVTKQNVNAA  
MVFEFLYKMC DVMAAYFGKISEENIKNNFVLIYELLDEI  
LDFGYPQNSETGALKTFITQQGIKSQHQTKEEQSQITS  
QVTGQIGWRREGIKYRRNELFLDVLESV NLLMSPQGQ  
VLSAHVSGRVMKSYLSGMPECKFGMNDKIVIEKQ GK  
GTADETSKSGKQSI AIDDCTFHQCVRLSKFDSERSISFI  
PPDGEFELMRYRTTKDIILPFRVIPLVREVGRTKLEVKV  
VIKSNFKPSLLAQKIEVRIPTPLNTSGVQVICMKGKAKY  
KASENAIVWKIKRMAGMKESQISAEI ELLPTNDKKKWA  
RPPISMNFEVPPFAPSGLVRYLKVFE PKLNYS DHDVIK  
WVRYIGRSGIYETRC

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 76.1

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1173

**Gene Symbol:** AP2M1

**Gene Alias:** AP50, CLAPM1, mu2

**Gene Summary:** 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]