

Product Information

MemDX™ Membrane Protein Human AP2S1 (Adaptor related protein complex 2 subunit sigma 1) for Antibody Discovery

Cat. No.: **MP0041X**

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

This product is a 41.36 kDa Human AP2S1 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

AP2S1

Protein Length

Full-length

Molecular Weight

41.36 kDa

Sequence

MIRFILIQNRAGKTRLAKWYMQFDDDEKQKLIIEEVHAVVTVRDAKHTNFVEFRNFKIIRRYAGLYFCICVDVNDNNLAYLEAIHNFVE

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

AP2S1

Full Name

Adaptor related protein complex 2 subunit sigma 1

Introduction

One of two major clathrin-associated adaptor complexes, AP-2, is a heterotetramer which is associated with the plasma membrane. This complex is composed of two large chains, a medium chain, and a small chain. This gene encodes the small chain of this complex. Alternative splicing results in multiple transcript variants

Alternative Names

AP17; AP17-DELTA; CLAPS2; clathrin assembly protein 2 small chain; clathrin-associated/assembly/adaptor protein, small 2 (17kD)

Gene ID

[1175](#)

UniProt ID

[P53680](#)