

Product Information

MemDX™ Membrane Protein Human AP1B1 (Adaptor related protein complex 1 subunit beta 1) for Antibody Discovery

Cat. No.: **MP0038X**

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

This product is a 129.69 kDa Human AP1B1 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

AP1B1

Protein Length

Full-length

Molecular Weight

129.69 kDa

Sequence

MTDSKYFTTTKKGEIFELKAELNSDKKEKKKEAVKKVIASMTVGKDVSALEFPDVVNCMQTDNLELKKLVYLYLMNYAKSQPDMAIMAA

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

AP1B1

Full Name

Adaptor related protein complex 1 subunit beta 1

Introduction

Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as one of the large subunits of this complex and is a member of the adaptin protein family. This gene is a candidate meningioma gene. Alternative splicing results in multiple transcript variants

Alternative Names

ADTB1; AP105A; BAM22; CLAPB2; Golgi adaptor HA1/AP1 adaptin beta subunit; adaptor protein complex AP-1 beta 1 subunit; adaptor-related protein complex 1 beta 1 subunit; beta-adaptin 1,beta-prime-adaptin,clathrin assembly protein complex 1 beta large chain,plasma membrane adaptor HA2/AP2

Gene ID

[162](#)

UniProt ID

[Q10567](#)