

Product Information

MemDX™ Membrane Protein Human AP2B1 (Adaptor related protein complex 2 subunit beta

1) Full Length

Cat. No.: **MPC2173K**

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

This product is a 104.5 kDa Human AP2B1 membrane protein expressed in HEK293. 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

AP2B1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

104.5 kDa

Sequence

MTDSKYFTTNKKGEIFELKAELNNEKKEKRKEAVKKVIAAMTVGKDVSSL
FPDVVNCMQTDNLELKKLVLYLMNYAKSQPDMAMAVNSFVKDCEDPNP
LIRALAVRTMGCIRVDKITEYLCEPLRKCLKDEDPYVRKTAAVCVAKLHD
INAQMVEDQGFLDSLRLDIADSNPMVVANAVAALSEISESHPNLNLLDLN
PQNINKLLTALNECTEWGQIFILDCLSNYNPKDDREAQSICERVTPRLSH
ANSAVVLSAVKVLKMFLELLPKDSYYNMLLKKLAPPLVTLLSGEPEVQY
VALRNINLIVQKRPEILKQEIKVFFVKYNDPIYVKLEKLDIMIRLASQAN
IAQVLAELKEYATEVDVDFVRKAVRAIGRCAIKVEQSAERCVSTLLDLIQ
TKVNYVVQEAIVVIRDIRKYPNKYESIIATLCENLDSLDEPDARAAMIW
IVGEYAERIDNADELLESFLEGFHDESTQVQLTLLTAIVKLFLKKPSETQ
ELVQQVLSLATQSDNPDLRDRGYIYWRLLSTDPVTAKEVVLSEKPLISE
ETDLIEPTLLDELICHIGSLASVYHKPPNAFVEGSHGHRKHLPIHHGST
DAGDSPVGTATNLEQPQVIPSQGDLLGDLLNLDLGPPVNVPQVSSMQM
GAVDLLGGGLDSLVGQSFIPSSVPATFAPSPTPAVVSSGLNDFELSTGI
GMAPGGYVAPKAVWLPAVKAKGLEISGTFTHRQGHYMEMNFTNKALQHM
TDFAIQFNKNSFGVIPSTPLAIHTPLMPNQSIDVSLPLNTLGPVMEPL
NNLQVAVKNNIDVFYFSCLIPLNVLFVEDGKMERQVFLATWKDIPNENEL
QFQIKECHLNADTVSSKLQNNNVYTIKRNVEGQDMLYQSLKLTNGIWIL
AELRIQPGNPNTLSLKCRAPEVSQYIYQVYDSILKN

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

AP2B1

Full Name

Adaptor related protein complex 2 subunit beta 1

Introduction

The protein encoded by this gene is one of two large chain components of the assembly protein complex 2, which serves to link clathrin to receptors in coated vesicles. The encoded protein is found on the cytoplasmic face of coated vesicles in the plasma membrane. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

AP2B1; ADTB2; AP105B; CLAPB1; AP2-BETA; AP-2 complex subunit beta; adapter-related protein complex 2 beta subunit; adapter-related protein complex 2 subunit beta; adaptin, beta 2 (beta); adaptor protein complex AP-2 subunit beta; adaptor related protein complex 2 beta 1 subunit; adaptor-related protein complex 2 subunit beta; beta-2-adaptin; beta-adaptin; beta2-adaptin; clathrin assembly protein complex 2 beta large chain; clathrin-associated/assembly/adaptor protein, large, beta 1; plasma membrane adaptor HA2/AP2 adaptin beta subunit; testicular tissue protein Li 22; Adaptor related protein complex 2 subunit beta 1

Gene ID

[163](#)

UniProt ID

[P63010](#)