

Product Information

MemDX™ Membrane Protein Human ATP1B4 (ATPase Na⁺/K⁺ transporting family member beta 4) Full Length

Cat. No.: **MPC1095K**

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

This product is a 41.5 kDa Human ATP1B4 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

ATP1B4

Protein Length

Full length

Protein Class

Transcription

Molecular Weight

41.5 kDa

TMD

1

Sequence

MRRQLRSRRAPSPFYSYRYRLDDPDEANQNYLADEEEEEAEAEARVTVPK
SEEEEEEEEEEEEEEEEEEGQGQPTGNAWWQKLQIMSEYLWDPERRM
FLARTGQSWSLILLIYFFFYASLAAVITLCMYTLFLTISPYIPTFTERVK
PPGVMIRPFASLNFNFNVSEPDTWQHYVISLNGFLQGYNDLQEEEMNVD
CPPGQYFIQDGNEDKACQFKRSFLKNCSGLEDPTFGYSTGQPCILLK
MNRIVGFRPELGDPVKVSKVQRGDENDIRSISYYPESASFDLRYYPYYG
KLTHVNYTSPLVAMHFTDVVKNAVPVQCQLKGGVINDVINDRFVGRVI
FTLNIET

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

ATP1B4

Full Name

ATPase Na⁺/K⁺ transporting family member beta 4

Introduction

This gene has been found in all vertebrate genomes sequenced to date. However, this gene has undergone a change in function in placental mammals compared to other species. Specifically, in fish, avian, and amphibian species, this gene encodes plasma membrane-bound beta-subunits of Na,K-ATPase. In placental mammals, the encoded protein interacts with the nuclear transcriptional coregulator SKIP and may be involved in the regulation of TGF-beta signaling. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

ATP1B4; ATPase, Na⁺/K⁺ transporting, beta 4 polypeptide; BetaM; Na,K-ATPase beta m-subunit; X,K-ATPase beta-m subunit; x/potassium-transporting ATPase subunit beta-m; protein ATP1B4; ATPase Na⁺/K⁺ transporting family member beta 4

Gene ID

[23439](#)

UniProt ID

[Q9UN42](#)