

Product Information

MemDX™ Membrane Protein Human APH1B (Aph-1 homolog B, gamma-secretase subunit)

Full Length

Cat. No.: **MPC1593K**

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

This product is a 28.4 kDa Human APH1B 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

APH1B

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

28.4 kDa

TMD

7

Sequence

MTAAVFFGCAFIAGFPALALYVFTIATEPLRIIFLIAGAFFWLVSLLISS
LVWFMARVIIDNKDGPTQKYLLIFGAFVSVYIQEMFRFAYYKLLKKASEG
LKSINPGETAPSMRLLAYVSGLGFGIMSGVFSFVNTLSDSLPGTVGIHG
DSPQFFLYSAFMTLVIIILHVFVGIVFFDGCEKKKWGILLIVLLTHLLVS
AQTFISSYYGINLASAFIILVLMGTWAFLAAGGSCRSCLKCLLCQDKNFL
LYNQSR

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**

APH1B

Full Name

Aph-1 homolog B, gamma-secretase subunit

Introduction

This gene encodes a multi-pass transmembrane protein that is a functional component of the gamma-secretase complex, which also contains presenilin and nicastrin. This protein represents a stabilizing cofactor for the presenilin holoprotein in the complex. The gamma-secretase complex catalyzes the cleavage of integral proteins such as notch receptors and beta-amyloid precursor protein.

Alternative Names

APH1B; PSFL; APH-1B; PRO1328; TAAV688; gamma-secretase subunit APH-1B; APH1B gamma secretase subunit; anterior pharynx defective 1 homolog B; aph-1beta; Aph-1 homolog B, gamma-secretase subunit

Gene ID

[83464](#)

UniProt ID

[Q8WW43](#)