

# Product Information

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

### **Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX2896K**

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

This product is a Human APH1B membrane protein expressed *in vitro* *E.coli* 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**

APH1B

#### **Protein Length**

Full Length

#### **Protein Class**

Receptor

#### **TMD**

7

#### **Sequence**

MTAAVFFGCAFIAGFPALALYVFTIATEPLRIIFLIAGAFFWLVSLLISLVWFMARVIIDNKGPTQKYLLIFGAFVSVYIQEMFRFAYYK

### **Product Description**

#### **Expression Systems**

*in vitro* *E.coli* expression system

#### **Tag**

10xHis tag at the N-terminus

#### **Protein Format**

Soluble

#### **Form**

Liquid or Lyophilized powder

#### **Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **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](#)