

# Product Information

## **MemDX™ Membrane Protein Human MARCH8 (Membrane associated ring-CH-type finger 8)**

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

Cat. No.: **MPX1576K**

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

This product is a Human MARCH8 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**

MARCH8

#### **Protein Length**

Full Length

#### **Protein Class**

Transferase

#### **TMD**

2

#### **Sequence**

MSMPLHQISAIPSQDAISARVYRSKTKEKEREEQNEKTLGHFMSHSSNISKAGSPPSASAPAPVSSFSRTSITPSSQDICRICHEGD

### **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

MARCH8

#### Full Name

Membrane associated ring-CH-type finger 8

#### Introduction

MARCH8 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH8 induces the internalization of several membrane glycoproteins.

#### Alternative Names

MARCH8; MIR; CMIR; c-MIR; MARCH8; RNF178; MARCH-VIII; E3 ubiquitin-protein ligase MARCHF8; E3 ubiquitin-protein ligase MARCH8; RING finger protein 178; RING-type E3 ubiquitin transferase MARCH8; RING-type E3 ubiquitin transferase MARCHF8; c-mir, cellular modulator of immune recognition; cellular modulator of immune recognition (c-MIR); membrane associated ring finger 8; membrane-associated RING finger protein 8; membrane-associated RING-CH protein VIII; membrane-associated ring finger (C3HC4) 8, E3 ubiquitin protein ligase; Membrane associated ring-CH-type finger 8

#### Gene ID

[220972](#)

#### UniProt ID

[Q5T0T0](#)