

# Product Information

## **MemDX™ Membrane Protein Human CD34 (CD34 molecule) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein**

Cat. No.: **MPX3847K**

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

This product is a Human CD34 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

CD34

#### Protein Length

Full Length of Mature Protein

#### Protein Class

Cell adhesion

#### TMD

1

#### Sequence

SLDNGGTATPELPTQGTFSNVSTNVSQYQETTTTPSTLGSTSLHPVSQHGNEATTNITETTVKFTSTSVITSVYGNTNSSVQSQTSVIST

### 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

CD34

#### Full Name

CD34 molecule

#### Introduction

The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene.

#### Alternative Names

CD34; hematopoietic progenitor cell antigen CD34; CD34 antigen; CD34 molecule

#### Gene ID

[947](#)

#### UniProt ID

[P28906](#)