

# Product Information

## **MemDX™ Membrane Protein Human CD83 (CD83 molecule) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein**

Cat. No.: **MPX3724K**

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

This product is a Human CD83 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**

CD83

#### **Protein Length**

Full Length of Mature Protein

#### **Protein Class**

Receptor

#### **TMD**

1

#### **Sequence**

TPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNGSFDAPNERPYSLKIRNTTSCNSG

### 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

CD83

#### Full Name

CD83 molecule

#### Introduction

The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene.

#### Alternative Names

CD83; BL11; HB15; CD83 antigen; B-cell activation protein; CD83 antigen (activated B lymphocytes, immunoglobulin superfamily); cell surface protein HB15; cell-surface glycoprotein; hCD83; CD83 molecule

#### Gene ID

[9308](#)

#### UniProt ID

[Q01151](#)