

# Product Information

## MemDX™ Membrane Protein Human DERL2 (Derlin 2) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2277K**

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

This product is a Human DERL2 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

DERL2

#### Protein Length

Full Length

#### Protein Class

Receptor

#### TMD

4

#### Sequence

MAYQSLRLEYLQIPPVSRAYTTACVLTTAAVQLELITPFQLYFNPELIFKHFQIWRLITNFFGPGVGFNFLNMIFLYRYCRMLEEGSF

### 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**

DERL2

#### **Full Name**

Derlin 2

#### **Introduction**

Proteins that are unfolded or misfolded in the endoplasmic reticulum (ER) must be refolded or degraded to maintain the homeostasis of the ER. DERL2 is involved in the degradation of misfolded glycoproteins in the ER.

#### **Alternative Names**

DERL2; FLANa; F-LANa; CGI-101; F-LAN-1; derlin-2; DERtrin-2; Der1-like domain family, member 2; carcinoma related; degradation in endoplasmic reticulum protein 2; Derlin 2

#### **Gene ID**

[51009](#)

#### **UniProt ID**

[Q9GZP9](#)