

## Product Information

### MemDX™ Membrane Protein Human MAL2 (Mal, T cell differentiation protein 2) Expressed in *vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2148K**

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

This product is a Human MAL2 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

MAL2

##### Protein Length

Full Length

##### Protein Class

Receptor

##### TMD

4

##### Sequence

MSAGGASVPPPPNPAVSFPPPRVTLPAGPDILRTYSGAFVCLEILFGGLVWILVASSNVPLLLQGWVMFVSVTAFFSLLFLGMFLS

#### 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**

MAL2

#### **Full Name**

Mal, T cell differentiation protein 2

#### **Introduction**

This gene encodes a multispan transmembrane protein belonging to the MAL proteolipid family. The protein is a component of lipid rafts and, in polarized cells, it primarily localizes to endosomal structures beneath the apical membrane. It is required for transcytosis, an intracellular transport pathway used to deliver membrane-bound proteins and exogenous cargos from the basolateral to the apical surface.

#### **Alternative Names**

MAL2; protein MAL2; MAL proteolipid protein 2; MAL2 proteolipid protein; myelin and lymphocyte protein 2; Mal, T cell differentiation protein 2

#### **Gene ID**

[114569](#)

#### **UniProt ID**

[Q969L2](#)