

## 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**

MSAGGASVPPPPNPAVSFPPPRVTLPAGPDILRTYSGAFVCLEILFGGLVWILVASSNVPLPLLQGWVMFVSVTAFFFSLLFLGMFLS

#### 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](#)