

# Product Information

## MemDX™ Membrane Protein Human IL1R1 (Interleukin 1 receptor type 1) for Antibody Discovery

Cat. No.: **MP0164Q**

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

This product is a 37.4 kDa Human IL1R1 membrane protein expressed in Insect. 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

IL1R1

#### Protein Length

Partial

#### Protein Class

Druggable Genome, Transmembrane

#### Molecular Weight

37.4 kDa

#### TMD

1

#### Sequence

MKVLLRLICFIALLISSLEADKCKEREKIIILVSSANEIDVRPCPLNPNEHKGITWYKDDSKTPVSTEQASRIHQHKEKLWFVPAKVED

### Product Description

#### Expression Systems

Insect

#### Tag

His

#### Form

Powder

#### Endotoxin

< 1.0 EU per 1 microgram of protein

### **Purity**

>95% by SDS - PAGE

### **Buffer**

10% glycerol

### **Storage**

Store at +4°C for up to one week or several months at -80°C

## **Target**

### **Target Protein**

IL1R1

### **Full Name**

Interleukin 1 receptor type 1

### **Introduction**

This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12.

### **Alternative Names**

CD121A; D2S1473; IL-1R-alpha; IL1R; IL1RA; P80; IL-1R-1; IL-1RT-1; IL-1RT1; interleukin 1 receptor alpha, type I; interleukin-1 receptor type I; Interleukin-1 receptor type 1; CD121 antigen-like family member A; Interleukin-1 receptor alpha; Interleukin-1 receptor type I; CD121a

### **Gene ID**

[3554](#)

### **UniProt ID**

[P14778](#)