

Product Information

MemDX™ Membrane Protein Human IL1R1 (Interleukin 1 receptor type 1) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX0980K**

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

This product is a Human IL1R1 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

IL1R1

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

Molecular Weight

83.5kDa

TMD

1

Sequence

LEADKCKEREEKIILVSSANEIDVRPCPLNPNEHKGTITWYKDDSKTPVSTEQASRIHQHKEKLWFVPAKVEDSGHYCVRNSSYQ

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis and SUMO tag at the N-terminus, Myc tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>85% as determined by SDS-PAGE.

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**

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

IL1R1; P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha; CD121 antigen-like family member A; IL-1R-1; IL-1RT-1; IL-1RT1; interleukin 1 receptor alpha, type I; interleukin-1 receptor alpha; interleukin-1 receptor type I; Interleukin 1 receptor type 1

Gene ID

[3554](#)

UniProt ID

[P14778](#)