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Product Information

MemDX™ Membrane Protein Human IL1R2 (Interleukin 1 receptor type 2) Full Length

Cat. No.: **MPC2270K**
This product is for research use only and is not intended for diagnostic use.

This product is a 45.4 kDa Human IL1R2 membrane protein expressed in HEK293. 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
IL1R2

Protein Length
Full length

Protein Class
Receptor

Molecular Weight
45.4 kDa

TMD
1

Sequence
MLRLYVLVMGVSAFTLQPAAHTGAARSCRFRGRHYKREFRLEGEPVALRC
PQVPYWLWASVSPRINLTWHKNDSARTVPGEEETRMWAQDGALWLLPALQ
EDSGTYVCTTRNASYCDKMSIELRVFENTDAFLPFISYPQILTLSTSGVL
VCPDLSEFTRDKTDVKIQWYKDSLLLDKDNEKFLSVRGTTHLLVHDVALE
DAGYYRCVLTFAHEGQQYNITRSIELRIKKKKEETIPVIISPLKTISASL
GSRLTIPCKVFLGTGTPLTTMLWWTANDTHIESAYPGGRVTEGPRQEYSE
NNENYIEVPLIFDPVTREDLHMDFKCVVHNTLSFQTLRTTVKEASSTFSW
GIVLAPLSLAFLVLGGIWMHRRCKHRTGKADGLTVLWPHHQDFQSYPK

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

IL1R2

Full Name

Interleukin 1 receptor type 2

Introduction

The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Alternative splicing results in multiple transcript variants and protein isoforms. Alternative splicing produces both membrane-bound and soluble proteins. A soluble protein is also produced by proteolytic cleavage.

Alternative Names

IL1R2; IL1RB; CD121b; IL1R2c; CDw121b; IL-1R-2; IL-1RT2; IL-1RT-2; CD121 antigen-like family member B; IL-1 type II receptor; IL-1R-beta; antigen CDw121b; interleukin 1 receptor type II variant 3; interleukin-1 receptor beta; interleukin-1 receptor type II; type II interleukin-1 receptor, beta; Interleukin 1 receptor type 2

Gene ID

7850

UniProt ID

P27930

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