

Product Information

MemDX™ Antibody Discovery - Mouse IL-23 R (24-372) Membrane Protein, Partial, -hIgG1

Fc tag

Cat. No.: **MP0228F**

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

This membrane protein is Mouse IL-23 R (24-372). It has been tested in SDS-PAGE, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Mouse

Target Protein

IL-23 R

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 66.8 kDa. As a result of glycosylation, the protein migrates as 90-100 kDa under reducing (R) condition, and 180-200 kDa under non-reducing (NR) condition (SDS-PAGE).

Sequence

AA Gly 24 - Asp 372 (Accession # NP_653131).

Product Description

Activity

Yes

Application

SDS-PAGE, BLI

Expression Systems

HEK293

Tag

Human IgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

IL-23 R

Full Name

interleukin 23 receptor

Introduction

The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner.

Alternative Names

IL-23R, interleukin-23 receptor, IL-23 receptor

Gene ID

[209590](#)

UniProt ID

[Q8K4B4](#)