

Product Information

MemDX™ Antibody Discovery - Human IL-2 R gamma / CD132 (23-254) Membrane Protein, Partial, -hIgG1 Fc tag

Cat. No.: **MP0865F**

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

This membrane protein is Human IL-2 R gamma / CD132 (23-254). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

IL-2 R gamma / CD132

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 53.5 kDa. The protein migrates as 75-96 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Leu 23 - Asn 254 (Accession # AAH14972).

Product Description

Application

SDS-PAGE

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

Please protect from light and avoid repeated freeze-thaw cycles.
The product must be protected from light;

2-8 ° C for 12 months in liquid state.

Target**Target Protein**

IL-2 R gamma / CD132

Full Name

interleukin 2 receptor subunit gamma

Introduction

The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder.

Alternative Names

P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1; cytokine receptor common subunit gamma; CD132 antigen; IL-2 receptor subunit gamma; IL-2R subunit gamma; common cytokine receptor gamma chain; gammaC; interleukin 2 receptor, gamma; nonfunctional common cytokine receptor gamma chain

Gene ID

[3561](#)

UniProt ID

[P31785](#)