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Product Information

MemDX™ Antibody Discovery - Human IL-7 R alpha / CD127 (21-236) Membrane Protein, Partial, -hIgG1 Fc -Avi tag, [Biotin]

Cat. No.: **MP0876F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human IL-7 R alpha / CD127 (21-236). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
IL-7 R alpha / CD127

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 53.3 kDa. As a result of glycosylation, the protein migrates as 70-100 kDa under reducing (R) condition, and 130-200 kDa under non-reducing (NR) condition (SDS-PAGE).

Sequence
AA Glu 21 - Gly 236 (Accession # P16871-1).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA

Expression Systems
HEK293

Tag
Human IgG1 Fc tag at the C-terminus, followed by a Avi tag

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-7 R alpha / CD127

Full Name

interleukin 7 receptor

Introduction

The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found.

Alternative Names

ILRA; CD127; IL7RA; CDW127; IL-7R-alpha; interleukin-7 receptor subunit alpha; CD127 antigen; IL-7 receptor subunit alpha; IL-7R subunit alpha; interleukin 7 receptor alpha chain

Gene ID

3575

UniProt ID

P16871