

Product Information

MemDX™ Antibody Discovery - Human IL-13 R alpha 2 (27-343) Membrane Protein, Partial, - His tag, [FITC]

Cat. No.: **MP0262F**

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

This membrane protein is Human IL-13 R alpha 2 (27-343). 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-13 R alpha 2

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 39.0 kDa. The protein migrates as 45-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Asp 27 - Arg 343 (Accession # Q14627-1). It is the FITC labeled form of Human IL-13 R alpha 2, His Tag (IL2-H52H5).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

His 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

Conjugation

FITC

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. 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-13 R alpha 2

Full Name

interleukin 13 receptor subunit alpha 2

Introduction

The protein encoded by this gene is closely related to IL13RA1, a subunit of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13.

Alternative Names

CT19, IL-13R, IL13BP, CD213A2, IL-13 receptor subunit alpha-2, IL-13R subunit alpha-2, IL-13R-alpha-2, IL-13RA2, cancer/testis antigen 19, interleukin 13 binding protein, interleukin 13 receptor alpha 2 chain, interleukin 13 receptor, alpha 2

Gene ID

[3598](#)

UniProt ID

[Q14627](#)