

Product Information

MemDX™ Membrane Protein Human IL13RA1 (Interleukin 13 receptor subunit alpha 1)

Expressed in NS0 for Antibody Discovery, Partial (27-343aa, T130I)

Cat. No.: **MPX0636K**

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

This product is a 64 kDa Human IL13RA1 membrane protein expressed in NS0. 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

IL13RA1

Protein Length

Partial (27-343aa, T130I)

Protein Class

Receptor

Molecular Weight

64 kDa

TMD

1

Sequence

APTETQPPVTNLSVSVENLCTVIW
TWNPEGASSNCSLWYFSHFGDKQDKKIAPETRRSIEVPLNERICLQVGS
QCSTNESEKPSILVEKCISPPEGDPESAVIELQCIWHNLSYMKCSWLPGR
NTSPDTNYTLYYWHRSLEKIHQCENIFREGQYFGCSFDLTKVKDSSFEQH
SVQIMVKDNAGKIKPSFNIVPLTSRVKPDPPHIKNLSFHNDLDLYVQWENP
QNFISRCLFYEEVNNNSQTETHNVFYVQEAKCENPEFERNVENTSCFMVP
GVL PDTLNTVRIRVKTNKL CYEDDKLWSNWSQEMSIGKKRNST

Product Description

Activity

Yes

Expression Systems

NS0

Tag

hIgG1 Fc and 6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>90%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

IL13RA1

Full Name

Interleukin 13 receptor subunit alpha 1

Introduction

The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.

Alternative Names

IL13RA1; NR4; CT19; CD213A1; IL-13Ra; interleukin-13 receptor subunit alpha-1; CD213a1 antigen; IL-13 receptor subunit alpha-1; IL-13R subunit alpha-1; IL13 receptor alpha-1 chain; cancer/testis antigen 19; interleukin 13 receptor, alpha 1; Interleukin 13 receptor subunit alpha 1

Gene ID

[3597](#)

UniProt ID

[P78552](#)