

Product Information

MemDX™ Membrane Protein Human IL13RA1 (Interleukin 13 receptor subunit alpha 1) with GST-tag for Antibody Discovery

Cat. No.: **MP0548X**

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

This product is a 72.71 kDa Human IL13RA1 membrane protein expressed in *in vitro* wheat germ expression system. 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

Full-length

Molecular Weight

72.71 kDa

TMD

1

Sequence

MECPARLCGLWALLLCAGGGGGSGGAAPTETQPPVTNLSVSVENLCTVIWTWNPPEGASSNCSLWYFSHFGDKQDKKIAPETR

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

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

NR4; CT19; CD213A1; IL-13Ra

Gene ID

[3597](#)

UniProt ID

[P78552](#)