

## Product Information

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

Cat. No.: **MPC3696K**

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

This product is a made-to-order Human IL13RA1 membrane protein expressed in HEK293. 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

##### Protein Class

Receptor

##### TMD

1

##### Sequence

MEWPARLCGLWALLLCAGGGGGGGGAAPTETQPPVTNLSVSVENLCTVIW  
TWNPPPEGASSNCSLWYFSHFGDKQDKKIAPETRRSIEVPLNERICLQVGS  
QCSTNESEKPSILVEKCISPPEGDPESAVTELQCIWHNLSYMKCSWLPGR  
NTSPDTNYTLYYWHRSLKIQHCENIFREGQYFGCSFDLTKVKDSSFEQH  
SVQIMVKDNAGKIKPSFNIVPLTSRVKPDPPHIKNLSFHNDLDLYVQWENP  
QNFI SRCLFYEEVNNNSQTETHNVFYVQEAKCENPEFERNVENTSCFMVP  
GVLPDTLNTVRIRVKTNKLCEYEDDKLWSNWSQEMSIGKKRNSTLYITMLL  
IVPVIVAGAIIVLLLYLKRLLKIIIFPPIPDGKIFKEMFGDQNDLTLHWK  
KYDIYEKQTKETDSVVLINLKKASQ

#### Product Description

##### Expression Systems

HEK293

##### Tag

Based on specific requirements

##### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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](#)