

Product Information

MemDX™ Membrane Protein Human IL9R (Interleukin 9 receptor) Full Length

Cat. No.: **MPC4218K**

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

This product is a made-to-order Human IL9R 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

IL9R

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MGLGRCIWEGWTLSEALRRDMGTWLLACICICTCVCLGVSVTGEGQGPR
SRTFTCLTNILRIDCHWSAPELGQGSSPWLLFTSNQAPGGTHKCILRGS
ECTVVLPEAVLVPDSNFTITFHHCMSGREQVSLVDPEYLP RRHV KLDPP
SDLQSNISSGHCILTWSISP ALEPMTTLLSYELAFKKQEEAWEQAQHRDH
IVGVTWLILEAFELDPGFIHEARLRVQMATLEDDVVEEERYTGQWSEWSQ
PVCFQAPQRQG PLIP PWGWP GNTLVAVSIFLLLTGPTYLLFKLSPRVKRI
FYQNVPSAMFFQPLYSVHNGNFQ TWMG AHGAGVLLSQDCAGTPQG ALEP
CVQEATALLTCGP ARPWKSVALEEEQEGPGTRLPGNLSS EDVLPAGCTEW
RVQTLAYLPQEDWAP TSLTRPAPPDSEGSRSSSSSSSSNNNNYCALGCY G
GWHLSALPGNTQSSGPIPALACGLSCDHQGLETTQQGVAVWVLAGHCQRPGL
HEDLQGM L LPSVLSKARSWTF

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**

IL9R

Full Name

Interleukin 9 receptor

Introduction

The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene.

Alternative Names

IL9R; CD129; IL-9R; interleukin-9 receptor; IL-9 receptor; Interleukin 9 receptor

Gene ID

[3581](#)

UniProt ID

[Q01113](#)