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Product Information

MemDX™ Membrane Protein Human IL9R (Interleukin 9 receptor) for Antibody Discovery

Cat. No.: **MP0570X**
This product is for research use only and is not intended for diagnostic use.

This product is a 62.26 kDa Human IL9R 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
IL9R

Protein Length
Full-length

Molecular Weight
62.26 kDa

TMD
1

Sequence
MHLGSNCCKNGQTLLQRTCHGVSCCGWWFQAARSILGKGPSAQSLAGWTLESEALRRDMGTWLLACICICTCVCLGVSVTGEGQ

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

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 sμggested 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

CD129; IL-9R

Gene ID

3581

UniProt ID

Q01113

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