

Recombinant Full Length Human IL9R Protein, GST-tagged

Cat. No. IL9R-5714HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL9R full-length ORF (AAH51337, 1 a.a. - 332 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	332 amino acids
Description	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. [provided by RefSeq]
Molecular Mass	62.26 kDa
AA Sequence	MHLGSNCCKNGQTLLQRTCHGVSCCGWWFQAARSILGKGPSAQSLAGWTLESEA LRRDMGTWLLACICICTCVCLGVSVTGEGQGPRSRFTFTCLTNNILRIDCHWSAPELG QGSSPWLLFTRLLAAHISASCGAVSAPSCCHLRQCCHLTISPSLSTTACLGGSRSA

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WWTRSTCPGDTSNISSGHCILTWSISPALEPMTTLLSYELAFKKQEEAWEQAQHRD
HIVGVTWLILEAFELDPGFIHEARLRVQMATLEDDVVEEERYTGQWSEWSQPVCFQ
APQRQGPLIPPWGWPGNTLVAVSIFLLLTGPTYLLFKLSPRLGWGPTGPVCC

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

IL9R interleukin 9 receptor [Homo sapiens]

Official Symbol

IL9R

Synonyms

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

Gene ID

3581

mRNA Refseq

NM_002186

Protein Refseq

NP_002177

MIM

300007

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UniProt ID

Q01113

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