

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	MHLGSNCCKNGQTLLQRTCHGVSCCGWWFQAARSILGKGPSAQSLAGWTLSEALRRDMGTWLLACICICTCVCLGVSVTGEQGPRSRFTFTCLTNNILRIDCHWSAPELGGSSPWLLFTRLLAAHISASCGAVSAPSCCHLRQC SCHLTISPSLSTTACLGGSRSA

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WWTRSTCPGDTSNISSGHCILTWSISPALPMTTLLSYELAFKKQEEAWEQAQHRD
 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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