

Recombinant Full Length Human IL9R Protein

Cat. No. IL9R-5710HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL9R full-length ORF (NP_789743.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1,043 amino acids
Description	<p>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</p>
Form	Liquid
Molecular Mass	36.4 kDa
AA Sequence	MHLGSNCCKNGQTLQRTCHGVSCCGWWFQAARSILKGPSAQSLAGWTLESEA LRRDMGTWLLACICICTCVCLGVSVTGEGQGPRSRFTFTCLTNNILRIDCHWSAPELG

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QGSSPWLLFTRLLAAHISASCGAVSAPSCCHLRQCSCHLTISPSLSTTACLGGSRSA
 WWTRSTCPGDTSNISSGHCILTWSISPALEPMTTLLSYELAFKKQEEAWEQAQHRD
 HIVGVTWLILEAFELDPGFIHEARLRVQMATLEDDVVEEERYTGQWSEWSQPVCFQ
 APQRQGPIPPWGWPGNTLVAVSIFLLLTGPTYLLFKLSPRLGWGPTGPVCC

Applications	Antibody Production Functional Study Compound Screening
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

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