

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	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]
Form	Liquid
Molecular Mass	36.4 kDa
AA Sequence	MHLGSNCCKNGQTLLQRTCHGVSCCGWWFQAARSILGKGPSAQSLAGWTLESEA LRRDMGTWLLACICICTCVCLGVSVTGEGQGPRSRFTFTCLTNNILRIDCHWSAPELG

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QGSSPWLLFTRLAAHISASCGAVSAPSCCHLRQCSCHLTISPSLSTTACLGGSRSA
 WWTRSTCPGDTSNISSGHCILTWSISPALEPMTTLLSYELAFKKQEEAWEQAQHRD
 HIVGVTWLILEAFELDPGFIHEARLRVQMATLEDDVVEEERYTGQWSEWSQPVCFQ
 APQRQGPLIPPWGWPGNTLVAVSIFLLLTGPTYLLFKLSPRLGWGPTGPVCC

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

Q01113

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