

Proteoliposomes

Full-Length

IL9R (Human) Recombinant Protein

Catalog # H00003581-G01

Size 10 ug

Specification

Product Description

Human IL9R full-length ORF (NP_789743.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MHLGSNCCKNGQTLLQRTCHGVSCCGWWFQAARSILGKGPSAQSLAGWTLSEALRRDMGTW
LLACICICTCVCLGVSVTGEGQGPRSRFTFTCLTNNILRIDCHWSAPELGQGSSPWLLFTRLLAAHIS
ASCGAVSAPSCCHLRQCSCHLTISPSTTACLGGSRSAAWTRSTCPGDTSNISSGHCILTWSIS
PALEPMTTLLSYELAFKKQEEAWEQAQHRDHVGVTWLILEAFELDPGFIHEARLRVQMATLEDD
VVEEERYTGQWSEWSQPVCFQAPQRQGPLIPPWGWPGNTLVAVSIFLLLTGPTYLLFKLSPRLG
WGPTGPVCC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

36.4

Interspecies Antigen Sequence

Mouse (52)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

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

Note

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

Applications

- Antibody Production

Gene Info — IL9R

Entrez GeneID [3581](#)

GeneBank Accession# [NM_176786.1](#)

Protein Accession# [NP_789743.1](#)

Gene Name IL9R

Gene Alias CD129

Gene Description interleukin 9 receptor

Omim ID [300007](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations OTTHUMP00000024332

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Berylliosis](#)

- [Bronchiolitis](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Infant](#)
- [Lymphoma](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Syncytial Virus Infections](#)
- [Urinary Bladder Neoplasms](#)