



IL4R Blocking Peptide (C-term)

Synthetic peptide Catalog # BP20570a

Specification

IL4R Blocking Peptide (C-term) - Product Information

Primary Accession P24394

IL4R Blocking Peptide (C-term) - Additional Information

Gene ID 3566

Other Names

Interleukin-4 receptor subunit alpha, IL-4 receptor subunit alpha, IL-4R subunit alpha, IL-4R-alpha, IL-4RA, CD124, Soluble interleukin-4 receptor subunit alpha, Soluble IL-4 receptor subunit alpha, Soluble IL-4R-alpha, sIL4Ralpha/prot, IL-4-binding protein, IL4-BP, IL4R, IL4RA

Target/Specificity

The synthetic peptide sequence is selected from aa 677-691 of HUMAN IL4R

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IL4R Blocking Peptide (C-term) - Protein Information

Name IL4R

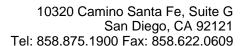
Synonyms IL4RA

IL4R Blocking Peptide (C-term) - Background

Receptor for both interleukin 4 and interleukin 13. Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2.

IL4R Blocking Peptide (C-term) - References

Idzerda R.L.,et al.J. Exp. Med. 171:861-873(1990).
Galizzi J.-P.,et al.Int. Immunol. 2:669-675(1990).
Kruse S.,et al.Int. Immunol. 11:1965-1970(1999).
Loftus B.J.,et al.Genomics 60:295-308(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).





Function

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Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Isoform 1 and isoform 2 are highly expressed in activated T-cells

IL4R Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides