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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

Function
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.

Cellular Location
Cell membrane; Single-pass type I membrane protein

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

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IL4R Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

IL4R Blocking Peptide (C-term) - Images

IL4R Blocking Peptide (C-term) - Background

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IL4R Blocking Peptide (C-term) - References

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Kruse S.,et al.Int. Immunol. 11:1965-1970(1999).
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