

**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**

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

**IL4R Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)