

**IL13RA1 Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20810c****Specification**

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**IL13RA1 Blocking Peptide (C-term) - Product Information**Primary Accession [P78552](#)**IL13RA1 Blocking Peptide (C-term) - Additional Information****Gene ID** 3597**Other Names**

Interleukin-13 receptor subunit alpha-1, IL-13 receptor subunit alpha-1, IL-13R subunit alpha-1, IL-13R-alpha-1, IL-13RA1, Cancer/testis antigen 19, CT19, CD213a1, IL13RA1, IL13R, IL13RA

**Target/Specificity**

The synthetic peptide sequence is selected from aa 207-218 of HUMAN IL13RA1

**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.

**IL13RA1 Blocking Peptide (C-term) - Protein Information****Name** IL13RA1**Synonyms** IL13R, IL13RA**Function**

Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Ubiquitous. Highest levels in heart, liver, skeletal muscle and ovary; lowest levels in brain, lung and kidney Also found in B-cells, T-cells and endothelial cells

### **IL13RA1 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **IL13RA1 Blocking Peptide (C-term) - Images**

### **IL13RA1 Blocking Peptide (C-term) - Background**

Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.

### **IL13RA1 Blocking Peptide (C-term) - References**

Miloux B.,et al.FEBS Lett. 401:163-166(1997).  
Gauchat J.-F.,et al.Submitted (JAN-1997) to the EMBL/GenBank/DDBJ databases.  
Aman M.J.,et al.J. Biol. Chem. 271:29265-29270(1996).  
Wada M.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).