

**IL27RA Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20662c

**Specification**

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**IL27RA Blocking Peptide (C-term) - Product Information**

Primary Accession

[Q6UWB1](#)**IL27RA Blocking Peptide (C-term) - Additional Information**

Gene ID 9466

**Other Names**

Interleukin-27 receptor subunit alpha, IL-27 receptor subunit alpha, IL-27R subunit alpha, IL-27R-alpha, IL-27RA, Cytokine receptor WSX-1, Cytokine receptor-like 1, Type I T-cell cytokine receptor, TCCR, ZcytoR1, IL27RA, CRL1, TCCR, WSX1

**Target/Specificity**

The synthetic peptide sequence is selected from aa 569-582 of HUMAN IL27RA

**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.

**IL27RA Blocking Peptide (C-term) - Protein Information**

Name IL27RA

Synonyms CRL1, TCCR, WSX1

**Function**

Receptor for IL27. Requires IL6ST/GP130 to mediate signal transduction in response to IL27. This signaling system acts through STAT3 and STAT1. Acts as a receptor for the neuroprotective peptide humanin as part of a complex with IL6ST/GP130 and CNTFR (PubMed:<a href="http://www.uniprot.org/citations/19386761" target="\_blank">19386761</a>). Involved in the regulation of Th1-type immune responses. Also appears to be involved in innate defense mechanisms.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Highly expressed in lymphoid tissues such as spleen, lymph nodes and peripheral blood leukocytes. Weakly expressed in other tissues examined including heart, brain, fetal and adult lung, liver, skeletal muscle, kidney, pancreas, prostate, testis, ovary, small intestine, kidney and colon. In the lymphoid system, higher level expression in CD4+ T-cell subsets than in CD8+ T-cell subsets. Also weaker expression in CD19+ B-cells and monocytes

### **IL27RA Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **IL27RA Blocking Peptide (C-term) - Images**

### **IL27RA Blocking Peptide (C-term) - Background**

Receptor for IL27. Requires IL6ST/gp130 to mediate signal transduction in response to IL27. This signaling system acts through STAT3 and STAT1. Involved in the regulation of Th1- type immune responses. Also appears to be involved in innate defense mechanisms.

### **IL27RA Blocking Peptide (C-term) - References**

Sprecher C.A.,et al.Biochem. Biophys. Res. Commun. 246:82-90(1998).  
Zhang W.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.  
Chen Q.,et al.Nature 407:916-920(2000).  
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Clark H.F.,et al.Genome Res. 13:2265-2270(2003).