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IL27RA Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20662c

Specification

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

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).
Livingston R.J.,et al.Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

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.

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