

IL11RA Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21725b

Specification

IL11RA Blocking Peptide (C-term) - Product Information

Primary Accession [Q14626](#)

IL11RA Blocking Peptide (C-term) - Additional Information

Gene ID 3590

Other Names

Interleukin-11 receptor subunit alpha, IL-11 receptor subunit alpha, IL-11R subunit alpha, IL-11R-alpha, IL-11RA, IL11RA

Target/Specificity

The synthetic peptide sequence is selected from aa 394-407 of HUMAN IL11RA

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.

IL11RA Blocking Peptide (C-term) - Protein Information

Name IL11RA ([HGNC:5967](#))

Function

Receptor for interleukin-11 (IL11). The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells (Probable). Essential for the normal development of craniofacial bones and teeth. Restricts suture fusion and tooth number.

Cellular Location

[Interleukin-11 receptor subunit alpha]: Membrane; Single-pass type I membrane protein [Isoform HCR2]: Secreted

Tissue Location

Expressed in a number of cell lines, including the myelogenous leukemia cell line K-562, the megakaryocytic leukemia cell line M-07e, the erythroleukemia cell line TF-1, and the osteosarcoma cell lines, MG-63 and SaOS-2 (PubMed:7670098). Also expressed in normal and malignant prostate

epithelial cell lines. Expression levels are increased in prostate carcinoma.

IL11RA Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

IL11RA Blocking Peptide (C-term) - Images

IL11RA Blocking Peptide (C-term) - Background

Receptor for interleukin-11. The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells. Essential for the normal development of craniofacial bones and teeth. Restricts suture fusion and tooth number.

IL11RA Blocking Peptide (C-term) - References

Cherel M.,et al.Blood 86:2534-2540(1995).
Van Leuven F.,et al.Genomics 31:65-70(1996).
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Humphray S.J.,et al.Nature 429:369-374(2004).
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