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IL-19, Mouse

Catalog # PVGS1248

Product Information

Primary Accession	Q8CJ70
Sequence	Leu^{25}-Ala^{176} (accession number: Q8CJ70), expressed with an N-terminal Met.
Purity	> 95% as analyzed by SDS-PAGE and HPLC.
Endotoxin Level	

Additional Information

Gene ID	329244
Other Names	Interleukin-19, IL-19, Il19
Target Background	Interleukin-19 (IL-19), Mouse

Protein Information

Name	Il19
Function	Cytokine that functions as an anti-inflammatory and proangiogenic factor (PubMed:12370360, PubMed:27053520). Polarizes adaptive immunity to an anti-inflammatory phenotype through induction of T-helper 2 responses by both down-regulation of IFN-gamma and up- regulation of IL4 and IL5 (PubMed:15557163). Produced by osteocytes, stimulates granulopoiesis and neutrophil formation (PubMed:33684929). Exerts its biological effect through a receptor complex consisting of a heterodimer of IL20RA and IL20RB. In turn, activates the Janus kinase (JAK) and signal transducer and activator of transcription (STAT) pathway, and importantly, STAT3 (By similarity).
Cellular Location	Secreted.

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