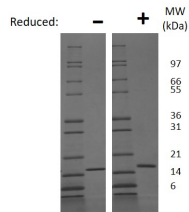


## IL19

### Recombinant Mouse IL-19

<b>Catalog No.</b>	CRM428A CRM428B CRM428C	<b>Quantity:</b>	2 µg 100 µg 1 mg
<b>Alternate Names:</b>	Interleukin 19		
<b>Description:</b>	Interleukin-19 (IL-19) is a member of the interleukin 10 (IL-10) cytokine family and is produced by B cells and monocytes. IL-19 binds the interleukin 20 receptor complex (IL-20R) to activate STAT3 signaling. IL-19 induces interleukin 6 (IL-6) and tumor necrosis factor alpha (TNF-α) expression in monocytes, and promotes type 2 T helper (Th2) cell-mediated immune responses. IL-19 production is upregulated in resting monocytes following granulocyte-macrophage colony-stimulating factor (GM-CSF) or lipopolysaccharide (LPS) stimulation.		
<b>Gene ID:</b>	329244		
<b>UniProt ID:</b>	Q8CJ70		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	Monomer, 17.7 kDa (153 aa)		
<b>Formulation:</b>	Lyophilized from a sterile-filtered solution containing 10 mM sodium phosphate, 50 mM sodium chloride, pH 7.5		
<b>Purity:</b>	≥95% by reducing and non-reducing SDS-PAGE		
<b>Endotoxin Level:</b>	≤1 EU/µg by kinetic LAL analysis		
<b>Amino Acid Sequence:</b>	MLRRCLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKPGDVCCMTNNLLTFY RDRVFQDHQERSLEVLRRISSANSFLCVQKSLERCQVHRQCNCSEATNATRIIHDNY NQLEVSSAALKSLGELNILLAWIDRNHLETPAA		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to reconstitute to a recommended concentration of 0.1 mg/mL and gently pipet solution up and down sides of vial. <b>DO NOT VORTEX.</b> Allow several minutes for reconstitution. A small amount of precipitate may be seen.		
<b>Storage &amp; Stability:</b>	<b>Upon receipt</b> , store as supplied at -20°C to -80°C for up to one year. <b>Upon reconstitution</b> , the preparation is stable for up to one month at 2-8°C. <b>For long term storage</b> , reconstitute in working aliquots in 0.1% BSA solution and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		





#### Mouse IL-19 Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse IL-19 is predicted to have a MW of 17.7 kDa.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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