

IL19

Recombinant Mouse IL-19, Animal Free

Catalog No.	CRM428A-AF CRM428B-AF CRM428C-AF	Quantity:	2 µg 100 µg 1 mg
Alternate Names:	Interleukin 19		
Description:	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.		
Gene ID:	329244		
UniProt ID:	Q8CJ70		
Source:	<i>E. coli</i>		
Molecular Weight:	Monomer, 17.7 kDa (153 aa)		
Formulation:	Lyophilized from a sterile-filtered solution containing 10 mM sodium phosphate, 50 mM sodium chloride, pH 7.5. Made without animal products and in an Animal Product Free facility		
Purity:	≥95% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤1 EU/µg by kinetic LAL analysis		
Amino Acid Sequence:	MLRRCLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKPGDVCCMTNLLTFY RDRVFDHQRSLVLRRISSANSFLCVQKSLERCQVHRQCNCSEATNATRIIHDNY NQLEVSSAALKSLGELNILLAWIDRNHLETPAA		
Reconstitution:	Centrifuge vial prior to opening. 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. DO NOT VORTEX. Allow several minutes for reconstitution. A small amount of precipitate may be seen.		



Storage & Stability:

Upon receipt, store as supplied at -20°C to -80°C for up to one year. **Upon reconstitution**, the preparation is stable for up to one month at 2-8°C. **For long term storage**, reconstitute in working aliquots in 0.1% BSA solution and store at -80°C. **Avoid repeated freeze-thaw cycles.**

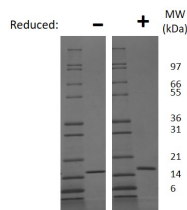
**Mouse IL-19 Gel**

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.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com