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32-12198: Mouse Interleukin-19

Gene :	Il19
Gene ID :	329244
Uniprot ID :	Q8CJ70
Alternative Name :	IL-19

Description

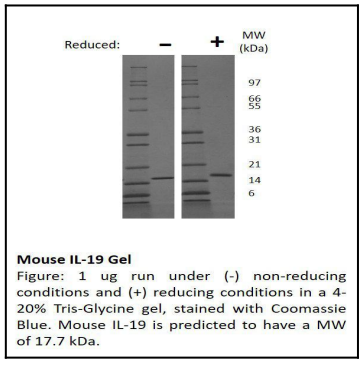
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 17.7 kDa (153 aa)
Interleukin-19 (IL-19) is a member of the interleukin 10 (IL-10) cytokine family and is produced by B cells and monocytes. Â IL-19 binds the interleukin 20 receptor complex (IL-20R) to activate STAT3 signaling. Â IL-19 induces interleukin 6 (IL-6) and tumor necrosis factor alpha (TNF-alpha) expression in monocytes, and promotes type 2 T helper (Th2) cell-mediated immune responses. Â IL-19 production is upregulated in resting monocytes following granulocyte-macrophage colony-stimulating factor (GM-CSF) or lipopolysaccharide (LPS) stimulation.Â

Product Info

Amount :	10 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, 50 mM sodium chloride, pH 7.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MLRRCLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKPGDVCCMTNNLLTFYRDRVFQDHQERSLEVLRRISSIANSFLCVQKSLERCQVHRQCNCSQEATNATRIIHDNYNQLEVSSAALKSLGELNILLAWIDRNHLETPAA

Application Note

Endotoxin: Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Ã□Â°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss. Ã□Â Ã□Â



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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.