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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Recombinant Mouse Interleukin-19 (m-IL-19)

CLY200-75-2UG
CLY200-75-10UG
CLY200-75-100UG
CLY200-75-500UG
CLY200-75-1MG

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.

Presentation: 2 μ g, 10 μ g, 100 μ g, 500 μ g or 1 mg, sterile filtered white lyophilized (freeze-dried) powder. Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, 50 mM sodium chloride, pH 7.5.

Source: *E. coli*

Reconstitution: It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.

Stability: Lyophilized product is very stable at -20°C. Reconstituted material should be aliquoted and frozen at -20°C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

Purity:

Greater than 95% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Reducing and non-reducing SDS-PAGE.

Predicted MW: Monomer, 17.7 kDa (with 153 amino acids)

AA Sequence:

MLRRCLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKPGDVCCMTNLLTFYRDRVFQDHQER
SLEVLRRISSIANSFLCVQKSLERCQVHRQCNCSEATNATRIIHDNYNQLEVSSAALKSLGELNILLAWIDR
NHLETPAA

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