

Recombinant Human IL-19

CATALOG #: 4545-10 10 µg
4545-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: ≥ 98% by SDS-PAGE and HPLC
Endotoxin level is 0.21 EUs/µg protein.

MOL. WEIGHT: 17.9 kDa

FORM: Lyophilized from 10 mM Sodium Citrate, pH 5.0

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 µg/µl. It is recommended that further dilutions be made into buffer containing carrier protein or medium containing serum. This solution can then be stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized IL-19 is best-stored desiccated below 0°C. Reconstituted IL-19 should be stored at working aliquots at -20°C.

DESCRIPTION:

Interleukin-19 (IL-19) is a member of the IL-10 family produced by resting B cells and monocytes. IL-19 is thought to be up-regulated when monocytes are treated with GM-CSF or LPS. IL-19 shares a receptor complex with IL-20, and acts to induce IL-6 and TNF-α production by monocytes and promotes the Th2 response. Recombinant human IL-19 is a nonglycosylated protein, containing 155 amino acids, with a molecular weight of 17.9 kDa.

FOR RESEARCH USE ONLY! Not to be used in humans.

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