

## Murine IL-19

Synonyms: Interleukin-19, IL-19, IL19.

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order #	Lot #	Expiry Date
2 µg	1580.960.002		
10 µg	1580.960.010		
1 mg	1580.960.199		

Please enquire for bulk quantities and other vial sizes

### Description

Interleukin-19 Murine Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 153 amino acids and having a molecular mass of 17.7kDa.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a sterile filtered aqueous solution containing 5mM Na<sub>3</sub>PO<sub>4</sub> and 150mM NaCl, pH 7.5\*
- **Physical state** Sterile filtered, lyophilized

### Reconstitution

It is recommended to reconstitute the lyophilized IL-19 in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### Stability

Lyophilized Interleukin-19 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL19 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

### Amino Acid Sequence

MLRRCLISVD MRLIEKSFHE IKRAMQTKDT FKNVTILSLE NLRSIKPGDV CCMTNNLLTF YRDRVFDHQ  
ERSLEVLRRRI SSIANSFLCV QKSLERCQVH RQCNCSEQEAT NATRIIHDNY NQLEVSSAAL KSLGELNILL  
AWIDRNHLET PAA

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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