



Certificate of Analysis

IL-19 Protein, Mouse

Cat. No.:	HY-P7213
Batch No.:	266689
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	Q8CJ70 (L25-A176)
Gene ID:	329244
Molecular Weight:	Approximately 17.7 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	1. The ED ₅₀ is <50 ng/mL as measured by MCF-7 cells, corresponding to a specific activity of $>2.0 \times 10^4$ units/mg. 2. Immobilized Mouse IL-19 at 5 μg/ml (100 μl/well) can bind IL-20RB, Human.	<50 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	Reconstitute at 50 μg/mL in 50 mM acetic acid. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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