



# Certificate of Analysis

## IL-1F10/IL-38 Protein, Mouse (His-SUMO, solution)

Cat. No.:	HY-P71601Y
Batch No.:	285785
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	N-6*His;N-SUMO
Accession:	Q8R459 (M1-R152)
Gene ID:	215274
Molecular Weight:	Approximately 33 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit IL-6 secretion by THP-1 human acute monocytic leukemia cells. The ED <sub>50</sub> for this effect is 40.04 ng/mL, corresponding to a specific activity is 2.50×10 <sup>4</sup> U/mg.	40.4 ng/mL
Appearance	Solution.	
Concentration	0.5 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA