



# Certificate of Analysis

## Animal-Free I-TAC/CXCL11 Protein, Mouse (His)

Cat. No.:	HY-P700169AF
Batch No.:	688549
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	Q9JHH5 (F22-M100)
Gene ID:	56066
Molecular Weight:	Approximately 9.92 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.	PASS
Biological Activity	Measure by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL.	50 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. 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 from date of receipt. 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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