



## Certificate of Analysis

## I-TAC/CXCL11 Protein, Human (HEK293)

Cat. No.:	HY-P7228
Batch No.:	354916
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	014625 (F22-F94)
Gene ID:	6373
Molecular Weight:	Approximately 8.3 kDa

## ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	The biological activity determined by a chemotaxis bioassay using activated human T-lymphocytes. The ED <sub>50</sub> for this effect is ≤2.379 ng/mL in the presence of 1ng/mL human IL-2, corresponding to a specific activity is ≥4.203×10 <sup>5</sup> U/mg.	2.251 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. 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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