



# Certificate of Analysis

## CXCL16 Protein, Human (HEK293, His)

Cat. No.:	HY-P72961
Batch No.:	125761
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q9H2A7 (N30-T205)/NP_071342.2 (N49-T224)
Gene ID:	58191
Molecular Weight:	Approximately 38-42 kDa due to the glycosylation.

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CXCR6 and the ED <sub>50</sub> is 50-250 ng/mL.	70 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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