



# Certificate of Analysis

## Animal-Free GRO-alpha/CXCL1 Protein, Mouse (His)

Cat. No.:	HY-P700167AF
Batch No.:	268401
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P12850 (N29-K96)
Gene ID:	14825
Molecular Weight:	Approximately 7.45 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.	<0.1 EU/µg
Biological Activity	The ED <sub>50</sub> is <15 ng/mL as measure by its ability to chemoattract BaF3 cells transfected with human CXCR2.	<15 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 10 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. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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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