



Certificate of Analysis

CCL4 Protein, Mouse

Cat. No.:	HY-P71889
Batch No.:	293756
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P14097 (A24-N92)
Gene ID:	20303
Molecular Weight:	Approximately 7.8 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.00%
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 human CCR5. The ED ₅₀ for this effect is 5.030 ng/mL, corresponding to a specific activity is 1.988×10 ⁵ U/mg.	5.030 ng/mL (Test by method 2)
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in sterile distilled water. 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. 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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