



Certificate of Analysis

MCP-5/CCL12 Protein, Mouse (CHO)

Cat. No.:	HY-P7246
Batch No.:	97568
Species:	Mouse
Source:	CHO
Tag:	Tag Free
Accession:	Q62401 (G23-G104)
Gene ID:	20293
Molecular Weight:	9.3-11 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	The ED ₅₀ is <0.5 μg/mL as measured by CHO-K1/Gα15/mCCR2 cells (human Gα15 and mouse CCR2 stably expressed in CHO-K1 cells).	0.16 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA