



Certificate of Analysis

MCP-1/CCL2 Protein, Rat (HEK293, C-His)

Cat. No.: HY-P7236
Batch No.: 312262
Species: Rat
Source: HEK293
Tag: C-6*His
Accession: P14844 (Q24-N148)
Gene ID: 24770
Molecular Weight: 10-15 kDa & 27-37 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The ED ₅₀ is <0.3 μg/mL as measured by CHO-K1/Gα15/rCCR2/THP-1 cells (human Gα15 and rat CCR2 stably expressed in CHO-K1 cells).	PASS
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 (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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