



Certificate of Analysis

CCL22/MDC Protein, Human

Cat. No.: HY-P72790
 Batch No.: 145018
 Species: Human
 Source: *E. coli*
 Tag: Tag Free
 Accession: 000626 (G25-Q93)
 Gene ID: 6367
 Molecular Weight: Approximately 8.1-9 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥97.0%
Endotoxin Level	<1 EU/μg; determined by LAL method.	PASS
Biological Activity	The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration range of 10-100 ng/ml.	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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