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Datasheet for ABIN6699658 CCL8 Protein

2 Images



Overview

Quantity:	5 µg
Target:	CCL8
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Product Details	
Characteristics:	HC14, Monocyte chemoattractant protein 2, Monocyte chemotactic protein 2 (MCP-2), Small- inducible cytokine A8
Purification:	Monocyte Chemotactic protein-2 (CCL8) purity was determined to be greater than 98% as determined by HpLC, analysis by UV-Spectroscopy at 280nm, and by reducing and non-reducing SDS-pAGE.
Endotoxin Level:	Low endotoxin
Target Details	
Target:	CCL8
Alternative Name:	CCL8 (CCL8 Products)
UniProt:	Q9Z121
Application Details	

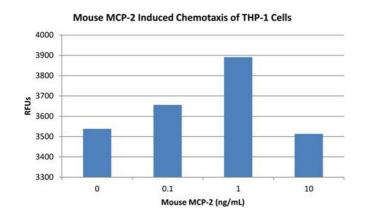
Application Notes:

Application Note: Monocyte Chemotactic Protein-2 Recombinant Protein is suitable as a control

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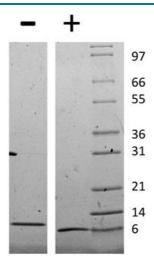
Application Details	
	for polyclonal or monoclonal anti-Monocyte Chemotactic Protein-2 in immunological assays. Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically ≤ 1 EU/µg protein. Biologic Activity: The activity is currently undetermined.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 5 µL (5-50 µL) Reconstitution Buffer: Restore with deionized water (or equivalent)
Buffer:	Buffer: 0.1 % Trifluoroacetic acid
Preservative:	Without preservative
Storage:	RT,4 °C,-20 °C
Expiry Date:	6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Mouse Monocyte Chemotactic Protein-2 (CCL8) Recombinant Protein Bioactivity of Mouse Monocyte Chemotactic Protein-2 (CCL8) Recombinant Protein. Human THP-1 cells were allowed to migrate to Mouse MCP-2 at (0, 0.1, 1, and 10ng/mL). After 45 minutes, cells that migrated were counted using a luminescent substrate and displayed on the bar graph above. Significant increases in migration over basal levels were seen in response to Mouse MCP-2 starting at 1 ng/mL. This value is comparable to expected ranges of a chemotactic response of primary human monocytes.



SDS-PAGE

Image 2. SDS-PAGE of Mouse Monocyte Chemotactic Protein-2 (CCL8) Recombinant Protein SDS-PAGE of Mouse Monocyte Chemotactic Protein-2 (CCL8) Recombinant Protein. Lane 1: 1 μ g Mouse MCP-2 in non-reducing conditions . Lane 2: 1 μ g Mouse MCP-2 in reducing conditions (+). Lane 3: Molecular weight marker. Mouse MCP-2 has a predicted MW of 8.5 kDa.

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