w abeomics

32-12228: Human Monocyte Chemotactic Protein-1 (CCL2)

Gene :	CCL2
Gene ID :	6347
Uniprot ID :	P1350
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 Uniprot ID :
 P13500

 C-C motif chemokine 2, Monocyte chemoattractant protein 1, Monocyte chemotactic and activating

 Alternative Name :
 factor, Monocyte chemotactic protein 1, Monocyte secretory protein JE, Small-inducible cytokine

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Description

Product Info

Source: Genetically modified E.coli.

Predicted MW:Â Monomer, 8.7 kDa (76 aa)

Monocyte chemotactic protein 1 (MCP-1), also known as CCL2, is produced by injured or infected tissues. MCP-1 signals through the CCR2 and CCR4 G protein-coupled receptors to recruit memory T cells, monocytes, and dendritic cells to sites of inflammation.

Amount : Purification :	20 μg / 100 μg Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL
Storage condition : Amino Acid :	Store at -20°C QPDAINAPVT CCYNFTNRKI SVQRLASYRR ITSSKCPKEA VIFKTIVAKE ICADPKQKWV QDSMDHLDKQ TQTPKT

Application Note

Endotoxin: Less than 0.1 ng/ \tilde{A} $\hat{A}\mu g$ (1 IEU/ \tilde{A} $\hat{A}\mu g$) as determined by LAL test.

Biological Activity was determined by THP-1 chemotaxis at <=100 ng/mL. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at - $80\tilde{A}$ []ŰC and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.

_	+
	MW
	97
	66 55
	36 31
	21
	14
	6
non-reducing reducing cor Tris-Glycine Coomassie E	-1 Jg in each lane (-) g conditions and (+) nditions in a 4-20% gel, stained with Blue. Human MCP-1 sed MW of 8.6 kDa.

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