

## 32-12231: Human Monocyte Chemotactic Protein-2 (CCL8)

**Gene :** CCL8  
**Gene ID :** 6355  
**Uniprot ID :** P80075  
**Alternative Name :** C-C motif chemokine 8, Monocyte chemoattractant protein 2, Monocyte chemotactic protein 2, MCP-2, Small-inducible cytokine A8

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 8.9 kDa (76 aa)

Monocyte chemotactic protein 2 (MCP-2), also known as CCL8, is a cytokine that is important during allergic and inflammatory responses. MCP-2 activates mast cells, eosinophils, and basophils through the G protein-coupled chemokine receptors CCR1, CCR2B, and CCR5. MCP-2 signaling through the CCR5 receptor also functions as a natural inhibitor of the human immunodeficiency virus, type 1 (HIV-1).

### Product Info

**Amount :** 10 µg / 100 µg  
**Purification :** Reducing and Non-Reducing SDS PAGE at >= 95%  
 Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)  
**Content :** Sterile water at 0.1 mg/mL  
**Storage condition :** Store at -20°C  
**Amino Acid :** QPDSVSIPIT CCFNVINRKI PIQRLESYTR ITNIQCPKEA VIFKTKRGKE VCADPKERWV RDSMKHLDQI FQNLKP

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

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°C 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 vial to compensate for this loss.



