

## 32-12253: Human Macrophage Inflammatory Protein-3 alpha (CCL20)

**Gene :** CCL20  
**Gene ID :** 6364  
**Uniprot ID :** P78556  
**Alternative Name :** C-C motif chemokine 20, Beta-chemokine exodus-1, Liver and activation-regulated chemokine, Macrophage inflammatory protein 3 alpha

### Description

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

**Predicted MW:** Monomer, 8 kDa (70 aa)

Macrophage inflammatory protein-3 alpha (MIP-3 alpha), also called CCL20, is expressed in the liver, lungs, lymph nodes, and peripheral blood lymphocytes. MIP-3 alpha expression is strongly induced by inflammatory signals, and downregulated by the anti-inflammatory cytokine interleukin 10 (IL-10). MIP-3 alpha signals through the G protein-coupled receptor CCR6 to function as a chemoattractant to lymphocytes and dendritic cells.

### Product Info

**Amount :** 20 µg / 100 µg  
**Purification :** 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 :** Store at -20°C  
**Amino Acid :** ASNFDCCCLGY TDRILHPKFI VGFTRQLANE GCDINAIIFH TKKKLSVCAN PKQTWVKYIV RLLSKKVKNM

### 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.



