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## 32-12216: Mouse IP-10 (CXCL10)

 Gene :
 Cxcl10

 Gene ID :
 15945

 Uniprot ID :
 P17515

Alternative Name: 10 kDa interferon gamma-induced protein, Gamma-IP10, IP-10, Interferon-gamma induced protein

CRG-2, Small-inducible cytokine B10Â Â Â Â Â Â

## **Description**

**Source:** Genetically modified E.coli. **Predicted MW:** Monomer, 8.7 kDa (77 aa)

Interferon gamma-induced protein 10 (IP-10), or CXCL10, is a chemokine secreted by monocytes, endothelial cells and fibroblasts in response to interferon gamma (IFNgamma). IP-10 functions as a chemoattractant for activated T cells, monocytes, dendritic, and natural killer (NK) cells that express the G protein-coupled receptor CXCR3. IP-10 is an important factor in autoimmune diseases such as Hashimoto's thyroiditis, Graves' disease, and Type 1 diabetes mellitus.

## **Product Info**

**Amount :**  $25 \mu g / 100 \mu g$ 

**Purification:** Reducing and Non-Reducing SDS PAGE at >= 95%

Lyophilized from a sterile (0.2 micron) filtered agueous solution containing 0.1% Trifluoroacetic

**Content:** Acid (TFA)

Sterile water at 0.1 mg/mL

**Storage condition :** Store at -20°C

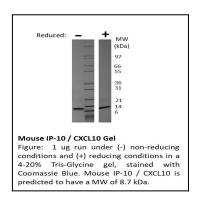
Amino Acid: IPLARTVRCN CIHIDDGPVR MRAIGKLEII PASLSCPRVE IIATMKKNDE QRCLNPESKT IKNLMKAFSQ

KRSKRAP

## **Application Note**

**Endotoxin:** Less than 0.1 ng/ $\tilde{A} \square \hat{A} \mu g$  (1 IEU/ $\tilde{A} \square \hat{A} \mu g$ ) 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 $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$ 





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