

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 B10

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 (IFN γ). 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 μ g / 100 μ g

Purification : Reducing and Non-Reducing SDS PAGE at \geq 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 $^{\circ}$ C

Amino Acid : IPLARTVRCN CIHIDGPVR MRAIGKLEI PASLSCPVE IATMKKNDQ RCLNPESKT IKNLMKAFSQ
KRSKRAP

Application Note

Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ 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 $^{\circ}$ 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.



