

32-1920: IP 10 His Recombinant Protein

Alternative Name : Small inducible cytokine B10,CXCL10,10 kDa interferon-gamma-induced protein,Gamma-IP10,IP-10,chemokine (C-X-C motif) ligand 10,C7,IFI10,INP10,crg-2,mob-1,SCYB10,gIP-10.

Description

Source : Escherichia Coli. IP-10 His Tag Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 77 amino acids fragment (22-98) and having a total molecular mass of 8.5 kDa with an amino-terminal hexahistidine tag. The IP-10 His is purified by proprietary chromatographic techniques. Chemokine (C-X-C motif) ligand 10 (CXCL10) is a small cytokine belonging to the CXC chemokine family that is also known as 10 kDa interferon-gamma-induced protein (-IP10 or IP-10). CXCL10 is secreted by several cell types in response to IFN-. These cell types include monocytes, endothelial cells and fibroblasts. CXCL10 has been attributed to several roles, such as chemoattraction for monocytes and T cells, promotion of T cell adhesion to endothelial cells, anti tumor activity, and inhibition of bone marrow colony formation and angiogenesis. The gene for CXCL10 is located on human chromosome 4 in a cluster among several other CXC chemokines. This chemokine elicits its effects by binding to the cell surface chemokine receptor CXCR3. The three-dimensional crystal structure of this chemokine has been determined under 3 different conditions to a resolution of up to 1.92Å.

Product Info

Amount : 25 µg
Purification : Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Content : IP-10 His is supplied in 10mM Tris HCl pH8, 1mM EDTA and 50% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.