

Recombinant Human IP-10 / CXCL10

Catalog No.	CRH314A CRH314B CRH314C	Quantity:	5 µg 100 µg 1 mg
Alternate Names:	CXCL10, CRG-2		
Description:	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.		
Protein Accession No:	P02778		
Source:	<i>E. coli</i>		
Molecular Weight:	Monomer, 8.6 kDa (77 aa)		
Formulation:	Lyophilized from a sterile-filtered solution containing 0.1% Trifluoroacetic Acid (TFA)		
Purity:	≥95% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤1 EU/µg by kinetic LAL analysis		
Biological Activity:	bioactive, however; no acceptance criteria established		
Amino Acid Sequence:	VPLSRTVRCT CISISNQPVN PRSLEKLEII PASQFCPRVE IIATMKKKGE KRCLNPESKA IKNLLKAVSK ERSKRSP		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipetting the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for reconstitution. A small amount of precipitate may be seen.		
Storage & Stability:	Upon receipt , store desiccated at -20 °C for up to 1 year. Upon reconstitution , the preparation is stable for up to one month at 2-8 °C. For long term storage reconstitute in working aliquots containing 0.1% BSA and store at -80 °C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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