

## Recombinant Guinea Pig IP-10 / CXCL10

<b>Catalog No.</b>	CRH300A CRH300B CRH300C	<b>Quantity:</b>	5 µg 100 µg 1 mg
<b>Alternate Names:</b>	CXCL10, CRG-2		
<b>Description:</b>	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.		
<b>Protein Accession No:</b>	H0UXM5		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	Monomer, 8.7 kDa (76 aa)		
<b>Formulation:</b>	Lyophilized from a sterile-filtered solution containing 0.1% Trifluoroacetic Acid (TFA)		
<b>Purity:</b>	≥95% by reducing and non-reducing SDS-PAGE		
<b>Endotoxin Level:</b>	≤1 EU/µg by kinetic LAL analysis		
<b>Amino Acid Sequence:</b>	IPHSRTIRCT CIETSTQPVN PKSFKKLEII PASQSCPRVE IIATMKMNGE KRCLDPESKV IKNLLKAVRK ERSKRS		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to reconstitute to a recommended concentration of 0.1 mg/mL and gently pipet solution up and down sides of vial. <b>DO NOT VORTEX.</b> Allow several minutes for reconstitution. A small amount of precipitate may be seen.		
<b>Storage &amp; Stability:</b>	<b>Upon receipt</b> , store desiccated at -20°C for up to one year. <b>Upon reconstitution</b> , the preparation is stable for up to one month at 2-8°C. <b>For long term storage</b> , reconstitute in working aliquots in 0.1% BSA solution and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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



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