9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IP10 Guinea Pig

IP-10 (CXCL10) Guinea Pig Recombinant
CHK0087

Product Overview

Name	IP10 Guinea Pig
Description	
IP-10 (CXCL10) Guinea Pig Recombinant	
Accession (Primary)	H0UXM5
Synonyms	
CXCL10, CRG-2.	
Introduction	
Chemokine (C-X-C motif) ligand 10 (CXCL10) is a small cytokine belonging to the CXC chemokine family. CXCL10 is secreted by several cell types. 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, antitumor 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 1.92A.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM Sodium Phosphate, pH 7.5.	
Stability	
Lyophilized IP10 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IP10 Human should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
IPHSRTIRCT CIETSTQPVN PKSFKKLEII PASQSCPRVE IIATMKMNGE KRCLDPESKV IKNLLKAVRK ERSKRS	

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Solubility

It is recommended to reconstitute the lyophilized IP10 in sterile water at a concentration of 0.1 mg/ml, which can then be further diluted to other aqueous solutions.

Precautions

IP10 Guinea Pig is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (H0UXM5)