

## CXCL10 Protein, Cynomolgus (His)

Cat. No.:	HY-P700980
Synonyms:	C-X-C motif chemokine 10; IP-10; CXCL10(1-73); CXCL10; INP10; SCYB10; C7; crg-2; gIP-10; IFI10;
Species:	Cynomolgus
Source:	E. coli
Accession:	XP_005555067.1 (T27-K91)
Gene ID:	102134351
Molecular Weight:	12-14 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	CXCL10 protein serves as a chemotactic factor for both monocytes and T-lymphocytes, playing a crucial role in orchestrating their migration in response to inflammatory signals. Through its binding to CXCR3, CXCL10 establishes a molecular interaction that facilitates its chemoattraction functions. This selective chemotaxis for monocytes and T-lymphocytes positions CXCL10 as a key player in the immune response, contributing to the recruitment and activation of these immune cells within various physiological and pathological contexts.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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