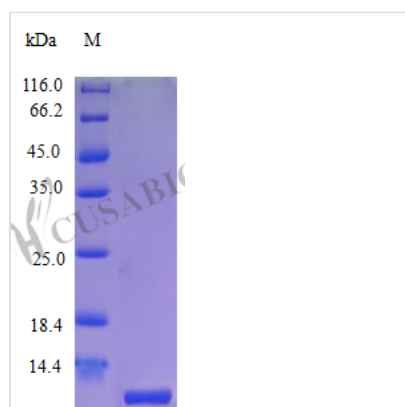




# Recombinant Human C-X-C motif chemokine 10 protein (CXCL10) (R93M) (Active)

<b>Product Code</b>	CSB-AP000721HU
<b>Abbreviation</b>	Recombinant Human CXCL10 protein (R93M) (Active)
<b>Uniprot No.</b>	P02778
<b>Storage Buffer</b>	0.2 μm filtered 20 mM PB, 50 mM NaCl, pH 7.4, lyophilized
<b>Product Type</b>	Chemokines
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood T-lymphocytes is in a concentration range of 10- 50 ng/ml.
<b>Purity</b>	>97% as determined by SDS-PAGE.
<b>Sequence</b>	VPLSRTVRCT CISISNQPVN PRSLEKLEII PASQFCPRVE IIATMKKKGE KRCLNPESKA IKNLLKAVSK EMSKRSP
<b>Research Area</b>	Immunology
<b>Source</b>	E.Coli
<b>Target Names</b>	CXCL10
<b>Expression Region</b>	22-98aa(R93M)
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	8.6 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>PubMed ID</b>	3925348; 15489334; 8423327; 10233762; 11559369; 18645041; 12173928

## Image



## Description

Our Recombinant Human CXCL10 protein is an exceptional resource for researchers working in the field of immunology. This C-X-C motif chemokine 10, also known as CXCL10, is expressed in E. coli and encompasses the 22-98aa



expression region (R93M). The full-length mature protein is supplied as a tag-free, lyophilized powder that can be easily reconstituted using sterile water or buffer for a range of experimental applications.

Quality assurance is a priority for us, and our Recombinant Human CXCL10 protein offers a purity of >97% as confirmed by SDS-PAGE and HPLC analysis. Furthermore, endotoxin levels are kept below 1.0 EU/μg, as determined by the LAL method. The protein exhibits full biological activity in a chemotaxis bioassay using human peripheral blood T-lymphocytes, with an effective concentration range of 10-50 ng/ml.

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**Endotoxin**

Less than 1.0 EU/μg as determined by LAL method.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.