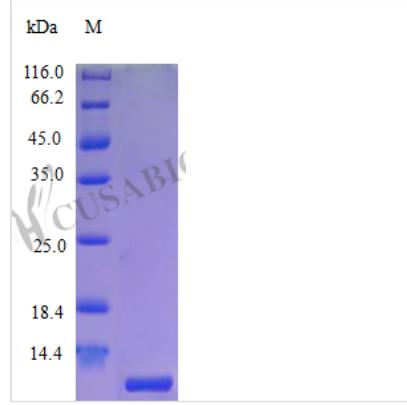




Recombinant Human C-X-C motif chemokine 10 protein (CXCL10) (R93M) (Active)

Product Code	CSB-AP000721HU
Abbreviation	Recombinant Human CXCL10 protein (R93M) (Active)
Uniprot No.	P02778
Storage Buffer	0.2 ?m filtered 20 mM PB, 50 mM NaCl, pH 7.4, lyophilized
Product Type	Chemokines
Immunogen Species	Homo sapiens (Human)
Biological Activity	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.
Purity	>97% as determined by SDS-PAGE.
Sequence	VPLSRTVRCT CISISNQPVN PRSLEKLEII PASQFCPRVE IIATMKKKGE KRCLNPESKA IKNLLKAVSK EMSKRSP
Research Area	Immunology
Source	E.Coli
Target Names	CXCL10
Expression Region	22-98aa(R93M)
Tag Info	Tag-Free
Mol. Weight	8.6 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	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.

Endotoxin

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

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.