



Recombinant Protein Technical Manual
Recombinant Human CXCL10 Protein
RPES1239

Product Data:

Product SKU: RPES1239 **Size:** 10µg
Species: Human **Expression host:** E. coli
Uniprot: P02778

Protein Information:

Molecular Mass: 8.6 kDa

AP Molecular Mass: 13 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: C-X-C Motif Chemokine 10; 10 kDa Interferon Gamma-Induced Protein; Gamma-IP10; IP0; Small-Inducible Cytokine B10; CXCL10; INP10; SCYB10

Immunogen Information:

Sequence: Val22-Pro98

Background:

Human C-X-C Motif Chemokine Ligand 10 (CXCL10) is a non-ELR chemokine secreted by various cell types, such as monocytes, endothelial cells and fibroblasts, in response to IFN- γ . CXCL10 functions via chemokine receptor CXCR3. CXCL10 has been attributed to several roles, such as chemoattraction for activated T-lymphocytes, inhibition of angiogenesis, and antitumor activity.