

Human IP 10 Recombinant Protein



RPPB1170

Product Information Protein Information

Product SKU:

RPPB1170

Accession:

P02778

Host:

Escherichia Coli.

Protein description:

IP-10 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 77 amino acids and having a molecular mass of 8.6kDa. The IP-10 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Small inducible cytokine B10, CXCL10, 10 kDa, Gamma-IP10, IP-10, chemokine (C-X-C motif) ligand 10, C7, IFI10, INP10, crg-2, mob-1, SCYB10, gIP-10.

Formulation:

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IP-10 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IP-10 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL10 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.

Amino Acid Sequence:

VPLSRTVRCTCISISNPVNPRSLKLEIIPASQFCPRVEIIATMKKKGEKRCLNPESKA IKNLLKAVSKERSKRSP.