

# Mouse IP 10 Recombinant Protein



RPPB1172

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## Product Information    Protein Information

**Product SKU:**

RPPB1172

**Accession:**

P17515

**Host:**

Escherichia Coli.

**Protein description:**

IP-10 Mouse Recombinant produced in E.Coli is a single,non-glycosylated, polypeptide chain containing 77 amino acids and having a molecular mass of 8701 Dalton. 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:**

IP-10 was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4.

**Purity:**

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis 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:**

IPLARTVRCN CIHIDDPVVR MRAIGKLEII PASLSCPVE IATMKKNDE QRCLNPESKT IKNLMKAFSQ KRSKRAP.

**Biological Activity:**

Determined by its ability to chemoattract hCXCR3/HEK293 cells using a concentration range of 100.0-500.0 ng/ml.