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## Product Datasheet

### Mouse IP 10 Protein (orb426657)

**Description**

Recombinant of mouse IP 10 protein

**Preservatives**

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

**Form/Appearance**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Storage**

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

**Note**

For research use only

**Application notes**

Protein content: Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm using the absorbency value of 0.02 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a standard solution of IP-10 as a Reference Standard

**Protein Sequence**

 IPLARTVRCN CIHIDDPVVR MRAIGKLEII  
 PASLSCPVE IATMKNDE QRCLNPESKT  
 IKNLMAFSQ KRKRAP

**Purity**

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

**Source**

Escherichia Coli

**Solubility (25°C)**

 It is recommended to reconstitute the lyophilized IP-10 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Expiration Date**

12 months from date of receipt.