

# MIP2 Viral Recombinant Protein



RPPB1150

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## Product Information    Protein Information

**Product SKU:**

RPPB1150

**Host:**

Escherichia Coli.

**Protein description:**

MIP-2 Viral Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 70 amino acids and having a molecular mass of 7.9 kDa. The MIP-2 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

MIP-2 Viral, Viral MIP-2, MIP2 Viral, Viral MIP2, Viral Macrophage inflammatory Protein-2.

**Formulation:**

Lyophilized from 1mg/ml solution containing 20mM Phosphate Buffer, pH 7.4 % 0.15M NaCl.

**Purity:**

Greater than 97.0% as determined by RP-HPLC & SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized CXCL2 Viral in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized MIP-2 Viral protein although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL2 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:**

LGASWHRPDK CCLGYQKRPL PQVLLSSWYP TSQLCSKPGV IFLTKRGRQVCADKSKDWVK KLMQQLPVTA.

**Biological Activity:**

Determined by the inhibitory effect on monocyte migration response to human MIP1A using a concentration range of 1µg-10µg/ml of viral MIP2 which will inhibit 25ng/ml of human MIP1A.