Viral MIP-2 E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species:
Other names: Macrophage inflammatory Protein-2, Viral Macrophage inflammatory Protein-2

Cat. No.:

RBG40004010	(10 µg)
RBG40004050	(50 µg)
RBG40004100	(100 µg)

Description

Viral MIP-2 (vMIP-2) is a chemokine analog encoded by the human herpes virus, and has been shown to have antagonist activity towards several chemokine receptors. Recombinant Viral MIP-2 is a 7.9 kDa protein consisting of 70 amino acids, including the four highly conserved cysteine residues present in CC chemokines.

Research topic

Chemokines

Amino Acid Sequence

LGASWHRPDK CCLGYQKRPL PQVLLSSWYP TSQLCSKPGV IFLTKRGRQV CADKSKDWVK KLMQQLPVTA

Source

E. coli

Purity

98%

Biological Activity

Determined by the inhibitory effect on monocyte migration response to human MIP-1 alpha using a concentration range of 1.0µg-10.0µg/ml of viral MIP-2 will inhibit 25ng/ml of human MIP-1 alpha.

Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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