

# Recombinant Viral Macrophage Inflammatory Protein-2



Catalog No: #AP60388

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Package Size: #AP60388-1 10ug #AP60388-2 100ug #AP60388-3 500ug

## Description

Product Name	Recombinant Viral Macrophage Inflammatory Protein-2
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Other Names	Viral Macrophage Inflammatory Protein II, vMIP-1B, MIP-II, vMIP-2
Uniprot	Q98157
GeneID	4961514
Calculated MW	Approximately 8.0 kDa, a single, non-glycosylated polypeptide chain containing 70 amino acids.
Target Sequence	LGASWHRPDK CCLGYQKRPL PQVLLSSWYP TSQLCSKPGV IFLTKRGRQV CADKSKDWVK KLMQQLPVTA
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150mM NaCl.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

## Background

Viral MIP-2 is one of the three chemokine-like proteins expressed by the human herpesvirus 8 (Kaposi's sarcoma-associated herpesvirus, KSHV) and the other is ViMIP-1 and ViMIP-3. It shares 41 % and 48 % with human MIP-1 and ViMIP-1, respectively. ViMIP-2 has been shown to have antagonist activity towards a wide range of chemokine receptors and has functions of blocking infection by several different human immunodeficiency virus type 1 (HIV-1) strains. It may form part of the response to host defenses contributing to virus-induced neoplasia and may have relevance to KSHV and HIV-1 interactions. Additionally, ViMIP-2 has been shown to activate and chemoattract human eosinophils.

Note: This product is for in vitro research use only