

Product Datasheet

Murine MIP-1 beta protein (orb107784)

Description	Recombinant Murine Macrophage Inflammatory Protein-1 beta/CCL4. Chemokine (C-C motif) ligand 4, also known as Macrophage inflammatory protein-1beta (MIP-1beta) is a CC chemokine with specificity for CCR5 receptors and it is a major HIV-suppressive factor produced by CD8+ T cells. In addition, it is a monokine with inflammatory and chemokinetic properties. Recombinant CCL4 induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). Furthermore, recombinant murine CCL4 contains 69 amino acids and it shares 77 % and 86 % a.a. sequence identity with human and rat CCL4. Both human and murine MIP-1alpha and MIP-1beta are active on human and murine hematopoietic cells.
Conjugation	Unconjugated
Tested Applications	HPLC, SDS-PAGE
Target	MIP-1 beta
Preservatives	Lyophilized from a 0.2 µm filtered concentrated solution in 2xPBS, pH 7.4.
Storage	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
Note	For research use only
Protein Sequence	APMGSDPPTS CCFSYTSRQL HRSFVMDYYE TSSLCSKPAV VFLTKRGRQI CANPSEPWVTEYMSDLELN
Purity	> 97% by SDS-PAGE and HPLC analyses
MW	7.8 kDa
Expiration Date	6 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)