

Product Datasheet

RecombinantMIP-1 β /CCL4,Human (orb1494680)

Description	Macrophage inflammatory protein 1 beta (MIP-1 β), also known as Chemokine (C-C motif) ligand 4 (CCL4), is a small cytokine belonging to the CC chemokine family. It is a chemo attractant for natural killer cells, monocytes and a variety of other immune cells. MIP-1 β is a major HIV-suppressive factor produced by CD8+ T cells. Perforin-low memory CD8+ T cells are the most common T-cells that normally synthesize MIP-1-beta in humans. MIP-1 β has been shown to interact with CCL3. It can signal through the CCR5 receptor.Recombinant MIP-1 beta/CCL4 produced in CHO is a polypeptide chain containing 69 amino acids. A fully biologically active molecule, rhMIP-1 beta/CCL4 has a molecular mass of 10-19 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at GenScript.
Endotoxins	< 0.2 EU/ μ g, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	Lyophilized recombinant Human MIP-1 β /CCL4 remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Human MIP-1 β /CCL4 should be stable up to 1 week at 4°C or up to 3 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH ₂ O or PBS at 100 μ g/ml.
Protein Sequence	APMGSDPPTACCFSYTARKLPRNFVVDYYETSSLCSQPAVVFQTKRSKQVCADPSESWVQ EYVDLELN
Purity	> 95% as analyzed by SDS-PAGE and HPLC.
Source	CHO
MW	10-19 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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