

Recombinant Human CCL4 Protein, Mature chain, Tag Free, Biotinylated

Cat. No. CCL4-183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MIP-1 beta (CCL4) protein was developed from E. coli.
Species	Human
Source	E.coli
ProteinLength	24-92 a.a.
Description	The protein encoded by this gene is a mitogen-inducible monokine and is one of the major HIV-suppressive factors produced by CD8+ T-cells. The encoded protein is secreted and has chemokinetic and inflammatory functions.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Applications	ELISA, WB
Notes	FOR RESEARCH USE ONLY (RUO).
Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade. Upon reconstitution, this cytokine can be stored in working aliquots at -20

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	centigrade for six months, with a carrier protein without detectable loss
Storage Buffer	Lyophilised from 0.2 µm filtered PBS solution.
Reconstitution	Upon receipt a quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CCL4 chemokine (C-C motif) ligand 4 [Homo sapiens (human)]
Official Symbol	CCL4
Synonyms	CCL4; chemokine (C-C motif) ligand 4; LAG1, SCYA4, small inducible cytokine A4 (homologous to mouse Mip 1b); C-C motif chemokine 4; Act 2; AT744.1; MIP 1 beta; PAT 744; SIS-gamma; MIP-1-beta(1-69); CC chemokine ligand 4; secreted protein G-26; T-cell activation protein 2; small-inducible cytokine A4; lymphocyte-activation gene 1; G-26 T-lymphocyte-secreted protein; lymphocyte activation gene 1 protein; macrophage inflammatory protein 1-beta; small inducible cytokine A4 (homologous to mouse Mip-1b); ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; MIP-1-beta; MGC104418; MGC126025; MGC126026;
Gene ID	6351
mRNA Refseq	NM_002984
Protein Refseq	NP_002975

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MIM	182284
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UniProt ID	P13236
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