

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant human MIP-1 beta (CCL4) protein was developed from E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	24-92 a.a.
<b>Description</b>	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.
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilised
<b>Endotoxin</b>	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
<b>Applications</b>	ELISA, WB
<b>Notes</b>	FOR RESEARCH USE ONLY (RUO).
<b>Storage</b>	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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<b>MIM</b>	182284
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<b>UniProt ID</b>	P13236
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