

CCL4 Protein, Rat

Cat. No.:	HY-P71899
Synonyms:	Ccl4; Mip1b; Scya4C-C motif chemokine 4; Macrophage inflammatory protein 1-beta; MIP-1-beta; Small-inducible cytokine A4
Species:	Rat
Source:	E. coli
Accession:	P50230 (A24-N92)
Gene ID:	116637
Molecular Weight:	Approximately 11 kDa

PROPERTIES

AA Sequence	A P I G S D P P T S C C F S Y T S R K I H R N F V M D Y Y E T S S L C S Q P A V V F L T K K G R Q I C A D P S E P W V N E Y V N D L E L N
Biological Activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR5. The ED ₅₀ for this effect is 14.43 ng/mL, corresponding to a specific activity is 6.930×10 ⁴ U/mg.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μm solution of 50 mM Tris-HCL, 300 mM NaCl, pH 8.0 or PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in sterile distilled water.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CCL4, a monokine, exhibits inflammatory and chemokinetic properties as it functions as a homodimer.
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Caution: Product has not been fully validated for medical applications. For research use only.

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