

Animal-Free CCL4 Protein, Mouse (His)

Cat. No.:	HY-P700165AF
Synonyms:	Ccl4; Mip1b; Scya4; C-C motif chemokine 4; Immune activation protein 2; ACT-2; ACT2; Macrophage inflammatory protein 1-beta; MIP-1-beta; Protein H400; SIS-gamma; Small-inducible cytokine A4
Species:	Mouse
Source:	E. coli
Accession:	P14097 (A24-N92)
Gene ID:	20303
Molecular Weight:	Approximately 8.64 kDa

PROPERTIES

AA Sequence	<div> <div>A P M G S D P P T S</div> <div>V F L T K R G R Q I</div> </div> <div> <div>C C F S Y T S R Q L</div> <div>C A N P S E P W V T</div> </div> <div> <div>H R S F V M D Y Y E</div> <div>E Y M S D L E L N</div> </div> <div> <div>T S S L C S K P A V</div> </div>
Biological Activity	Measure by its ability to chemoattract BaF3 cells transfected with humanCCR5, The ED ₅₀ for this effect is <4 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 7.4.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 10 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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 protein, characterized by its inflammatory and chemokinetic properties, functions as a monokine and forms homodimers.
------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA