

CCL4 Protein, Human

Cat. No.:	HY-P7257
Synonyms:	rHuMIP-1 β /CCL4; C-C motif chemokine 4; LAG-1; Macrophage inflammatory protein 1-beta; SCYA4
Species:	Human
Source:	E. coli
Accession:	P13236 (A24-N92)
Gene ID:	6351
Molecular Weight:	Approximately 7.6 kDa

PROPERTIES

AA Sequence	A P M G S D P P T A C C F S Y T A R K L P R N F V V D Y Y E T S S L C S Q P A V V F Q T K R S K Q V C A D P S E S W V Q E Y V Y D L E L N
Biological Activity	The ED ₅₀ is <100 ng/mL as measured by CHO-K1/G α 15/hCCR5 cells (human G α 15 and human CCR5 stably expressed in CHO-K1 cells).
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against PBS.
Endotoxin Level	<0.2 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O or PBS.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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	Human macrophage inflammatory protein-1 (MIP-1 β) 1 is a proinflammatory chemokine that both promotes leukocyte accumulation in various inflammatory conditions and contributes to protective immunity against human immunodeficiency virus type 1 (HIV-1) (1-5) ^[1] .
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REFERENCES

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

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