

MDC/CCL22 Protein, Rat

Cat. No.:	HY-P7249
Synonyms:	rRtMDC/CCL22; C-C motif chemokine 22; Abcd1; SCYA22
Species:	Rat
Source:	E. coli
Accession:	Q5I0L5 (G25-A92)
Gene ID:	117551
Molecular Weight:	Approximately 7.9 kDa

PROPERTIES

AA Sequence	G P Y G A N V E D S I C C Q D Y I R H P L P P R F V K E F Y W T S K S C R K P G V V L I T I K N R D I C A D P R M L W V K K I L H K L A
Biological Activity	Full biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration range of 10-100 ng/ml.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 2× 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 or aqueous buffer containing 0.1% BSA.
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.

REFERENCES

[1]. Yano C, et al. Mechanism of Macrophage-Derived Chemokine/CCL22 Production by HaCaT Keratinocytes. *Ann Dermatol.* 2015 Apr;27(2):152-6.

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

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