

MIP-3 alpha/CCL20 Protein, Rhesus macaque (GST)

Cat. No.:	HY-P700549
Synonyms:	rHuMIP-3 α /CCL20; C-C motif chemokine 20; MIP3A; SCYA20
Species:	Rhesus Macaque
Source:	E. coli
Accession:	Q8HYP6 (A27-M96)
Gene ID:	574182
Molecular Weight:	35.1 kDa

PROPERTIES

AA Sequence	A S N F D C C L R Y T D R I L H P K F I V G F T Q Q L A N E T C D I N A V V F H T K K G L S V C A N P K Q T W V K L I V R R L S K K I N K M
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 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.
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	The MIP-3 alpha/CCL20 protein belongs to the intercrine beta (chemokine CC) family, a group of chemokines involved in the regulation of immune cell migration and inflammation. This protein is known for its role in attracting and activating immune cells, particularly dendritic cells and memory T cells, to sites of infection or inflammation. MIP-3 alpha/CCL20 functions through binding to its receptor, CCR6, and initiates a cascade of cellular events that promote immune cell recruitment and activation. It plays a crucial role in the immune response against pathogens and is also involved in the development of certain inflammatory diseases. MIP-3 alpha/CCL20 is considered as a potential therapeutic target for modulating immune responses and controlling inflammation in various pathological conditions.
------------	--

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