

MIP-3/CCL23, human recombinant

CATALOG #:	7175-10	10 µg
	7175-50	50 µg
ALTERNATE NAMES:	Macrophage Inflammatory Protein-3, CCL23, MPIF-1, Ck-β8	
SOURCE:	E. Coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	11.3 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/µg of protein (<1EU/µg).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

DESCRIPTION:

MIP-3 is a CC chemokine that signals through the CCR1 receptor. MIP-3 chemoattracts monocytes, resting T-lymphocytes and neutrophils, but does not chemoattract activated lymphocytes. Additionally, MIP-3 has been shown to inhibit colony formation of bone marrow myeloid immature progenitors. Recombinant human MIP-3 is an 11.3 kDa protein containing 99 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human T cells using a concentration range of 10.0-50.0 ng/ml.

AMINO ACID SEQUENCE:

RVTKDAETEF MMSKLPLENP VLLDRFHATS ADCCISYTPR SIPCSLLESY
FETNSECSKP GVIFLTKKGR RFCANPSDKQ VQVCMRMLKL DTRIKTRKN

RELATED PRODUCTS:

- MEC/CCL28, human recombinant (Cat # 7170-10, -50)
- MEC/CCL28, murine recombinant (Cat # 7171-10, -50)
- MIP-1α/CCL3, human recombinant (Cat # 7173-10, -50)
- MIP-1γ/CCL9/10, murine recombinant (Cat # 7174-10, -50)
- MDC, human recombinant (Cat # 4617-20, -100, -1000)
- MCP-1 (MCAF), human recombinant (Cat # 4222-20, -100, -1000)
- MCP-1 (MCAF), rat recombinant (Cat # 4224-10, -1000)
- MCP-2, human recombinant (Cat # 4225-10, -1000)
- MCP-2, murine recombinant (Cat # 4226-10, -1000)
- MCP-3, human recombinant (Cat # 4228-10, -1000)
- MCP-3, murine recombinant (Cat # 4229-10, -1000)
- MCP-4, human recombinant (Cat # 4231-10, -1000)

FOR RESEARCH USE ONLY! Not to be used in humans.