

GFR7

Recombinant Rat MCP-3 / CCL7

Description

Monocyte Chemotactic Protein 3 (MCP-3), also known as CCL7, is produced by macrophages and tumor cell lines. MCP-3 signals through the G protein-coupled receptors CCR1, CCR2, and CCR3. MCP-3 chemoattracts monocytes and regulates macrophage function during inflammation and metastasis.

Length	74 aa
Molecular Weight	8.5 kDa
Source	E. coli
Accession Number	Q9QXY8
Purity	≥95% determined by reducing and non-reducing SDS-PAGE

Specifications

Alternative Names	Monocyte Chemotactic Protein 3, CCL7, MARC
Biological Activity	Activity to be determined.
Endotoxin Level	≤1.00 EU/μg as measured by kinetic LAL
Formulation	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
AA Sequence	QPDGTNSSTC CYVKKQKIPK RNLKSYRKIT SSRCPWEAVI FKTCKGMEVC AEAHQKWVEE AIAYLDMKTS TPKP

Preparation and Storage

Reconstitution	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
Stability and Storage	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.