

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TP720051

### MCP2 (CCL8) (NM\_005623) Human Recombinant Protein

### **Product data:**

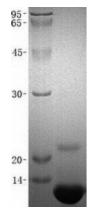
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chemokine (C-C motif) ligand 8 (CCL8)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Gln24-Pro99
Tag:	Tag Free
Predicted MW:	8.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 005614</u>
Locus ID:	6355
UniProt ID:	<u>P80075</u>
Cytogenetics:	17q12
Synonyms:	HC14; MCP-2; MCP2; SCYA8; SCYA10



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	MCP2 (CCL8) (NM_005623) Human Recombinant Protein – TP720051
Summary:	This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. This cytokine displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection. [provided by RefSeq, Sep 2014]
Protein Familie	s: Druggable Genome, Secreted Protein
Protein Pathwa	<b>ys:</b> Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway

## Product images:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US