

MCP-3/CCL7, rat recombinant protein
CCL7, MARC
Catalog # PBV10184r**Specification**

MCP-3/CCL7, rat recombinant protein - Product info

Primary Accession [O9OXY8](#)
Calculated MW **8.6 kDa. KDa**

MCP-3/CCL7, rat recombinant protein - Additional Info

Gene ID	287561
Gene Symbol	MCP3
Other Names	
CCL7, MARC	
Gene Source	Rat
Source	E. coli
Assay&Purity	SDS-PAGE; ≥97%
Assay2&Purity2	HPLC; ≥97%
Recombinant	Yes
Results	1-100 ng/ml.
Sequence	MQPDGTNSST CCYVKKQKIP KRNLKSYRKI TSSRCPWEAV IFKTKKGMEV CAEAHQKWVE EAIAYLDMKT STPKP

Target/Specificity
MCP-3

Application Notes

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 a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

MCP-3/CCL7, rat recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MCP-3/CCL7, rat recombinant protein - Images**MCP-3/CCL7, rat recombinant protein - Background**

Monocyte Chemotactic Protein 3 (MCP-3), also called CCL7, is chemokine produced by macrophages and some tumor cell lines. MCP-3 signals through three different G protein-coupled receptors, CCR1, CCR2, and CCR3. CCL7 chemoattracts monocytes and can regulate macrophage function. Recombinant rat MCP-3 is a non-glycosylated protein, containing 75 amino acids, with a molecular weight of 8.6 kDa.

MCP-3/CCL7, rat recombinant protein - References

Wang X., et al. Brain Res. Mol. Brain Res. 71:304-312(1999).