

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

**MCP 1 Protein**  
**BYT-ORB429440**

Article Name	MCP 1 Protein
Biozol Catalog Number	BYT-ORB429440
Supplier Catalog Number	orb429440
Alternative Catalog Number	BYT-ORB429440-1,BYT-ORB429440-10,BYT-ORB429440-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of MCP 1 protein...
Buffer	The protein was lyophilized from a concentrated (1mg/ml) sterile solution containing no additives.
Purity	Greater than 98.0% as determined by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	QPDVAVNAPLT CCYSFTGKMI PMSRLENYKR ITSSRCPKEA VVFVTKLKRE ICADPNKEWV QKYIRKLDQN QVRSETTVFY KIASLRTSA PLNVNLTHKS EANASTLFST TTSSTSVEVT SMTEN
Application Notes	Solubility: It is recommended to reconstitute the lyophilized Monocyte Chemotactic Protein-1 in sterile 18MO-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: ED50 =1-10ng/ml corresponding to a Specific Activity of 100,000-1,000,000IU/mg. The biological activity was determined by measuring the dose dependent chemotaxis with human THP-1 cells. The optimal concentration should be determined for each specific application by an initial dose-response assay. Application Notes: Chemokines