

## Product Datasheet

# Recombinant Murine Macrophage Inflammatory Protein-1 beta/CCL4 (orb1906024)

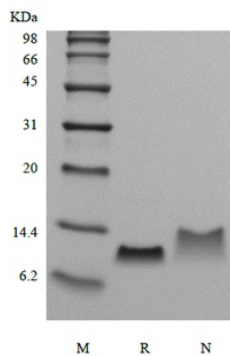
<b>Description</b>	Recombinant Murine Macrophage Inflammatory Protein-1 beta/CCL4
<b>Endotoxins</b>	Less than 1 EU/ug of rMuMIP-1 $\beta$ /CCL4 as determined by LAL method.
<b>Form/Appearance</b>	Lyophilized from a 0.2 $\mu$ m filtered concentrated solution in 2 x PBS, pH 7.4.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.
<b>Note</b>	For research use only
<b>Protein Sequence</b>	APMGSDPPTS CCFSYTSRQL HRSFVMDYYE TSSLCSKPAV VFLTKRGRQI CANPSEPWVT EYMSDLELN
<b>Biologically Active?</b>	Yes
<b>Biological Activity</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human monocytes is in a concentration range of 20-100 ng/ml.
<b>Purity</b>	> 97 % by SDS-PAGE and HPLC analyses.
<b>Source</b>	Escherichia coli
<b>MW</b>	Approximately 7.8 kDa, a single non-glycosylated polypeptide chain containing 69 amino acids.
<b>Uniprot ID</b>	<b>P14097</b>
<b>Expiration Date</b>	6 months from date of receipt.

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