

## Product Datasheet

### MIP 1a protein orb427119

<b>Description</b>	Recombinant of MIP 1a protein
<b>Conjugation</b>	Unconjugated
<b>Target</b>	MIP 1a
<b>Form/Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder. The protein was lyophilized from 1 mg/ml solution containing no additives.
<b>Storage</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Protein Sequence</b>	The sequence of the first five N-terminal amino acids was determined and was found to be, Ala-Pro-Tyr-Gly-Ala.
<b>Purity</b>	>97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Source</b>	Escherichia Coli.
<b>Activity</b>	The Activity is calculated by the ability to chemoattract of rat peritoneal macrophages using a conc. of 60 ng/ml corresponding to a Specific Activity of 16,667IU/mg.
<b>Solubility (25°C)</b>	It is recommended to reconstitute the lyophilized Macrophage Inflammatory Protein-1a in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Expiration Date</b>	6 months from date of receipt.