

# Recombinant Human Monokine Induced by Interferon-gamma/CXCL9

Catalog No: #AP60286

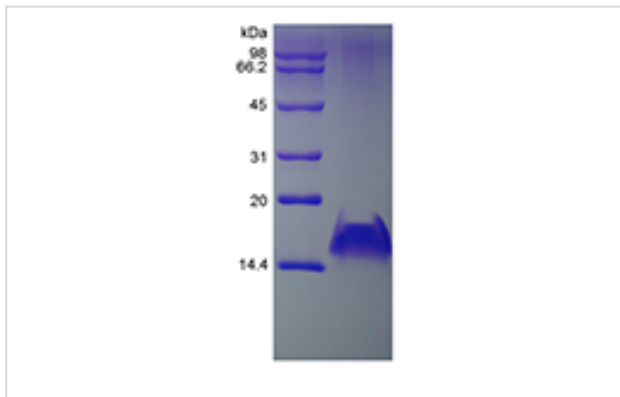
Package Size: #AP60286-1 5ug #AP60286-2 100ug #AP60286-3 500ug

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## Description

Product Name	Recombinant Human Monokine Induced by Interferon-gamma/CXCL9
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Other Names	Monokine-like Protein
Calculated MW	Approximately 11.7 kDa, a single non-glycosylated polypeptide chain containing 103 amino acids.
Target Sequence	TPVVRKGRCS CISTNQGTIH LQSLKDLKQF APSPSCEKIE IIATLKNQVQ TCLNPDSADV KELIKKWEKQ VSQKKKQKNG KKHQKKKVLK VRKSQRSRQK KTT
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> <li>-□ A minimum of 12 months from date of receipt, when stored at &amp;le;-20 °C as supplied.</li> <li>-□ 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>-□ 3 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## Images



## Background

CXCL9 is a T-cell chemoattractant induced by IFN- $\gamma$  belonging to the CXC chemokine family and it is also known as Monokine induced by gamma interferon (MIG). CXCL9 is closely related to two other CXC chemokines called CXCL10 and CXCL11 and they all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 is a cytokine that affects the growth, movement, or activation state of cells that participate in immune and inflammatory response and chemotactic for activated T-cells. Recombinant human CXCL9 contains 103 amino acids which is a single non-glycosylated polypeptide chain. The human CXCL9 shares 75 % and 67 % a.a. sequence identity with mouse and rat CXCL9.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.