

Recombinant Murine Monokine Induced by Interferon-gamma/CXCL9

Catalog No: #AP60335

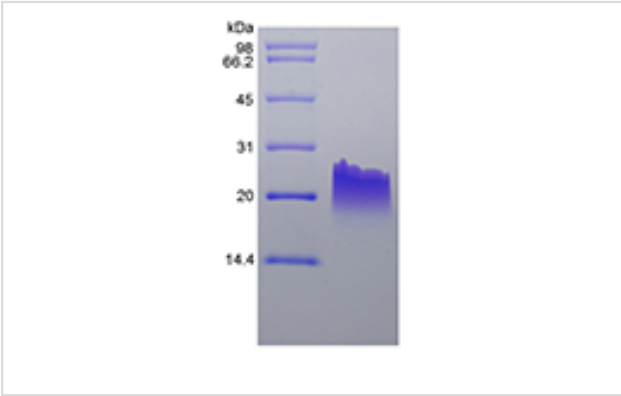
Package Size: #AP60335-1 5ug #AP60335-2 100ug #AP60335-3 500ug

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Description

Product Name	Recombinant Murine Monokine Induced by Interferon-gamma/CXCL9
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Other Names	Gamma-interferon-induced Monokine, Small-inducible Cytokine B9
Uniprot	P18340
GeneID	17329
Calculated MW	Approximately 12.2 kDa, a single non-glycosylated polypeptide chain containing 105 amino acids.
Target Sequence	TLVIRNARCS CISTSRGTIH YKSLKDLKQF APSPNCNKTE IIATLKNGDQ TCLDPDSANV KKLMKEWEKK INQKKKQKRG KKHQKNMKNR KPKTPQSRRR SRKTT
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2 x PBS, pH 7.4.
Storage	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.

Images



Background

CXCL9 belongs to the CXC chemokine family and also known as Monokine induced by gamma interferon (MIG). It is a T-cell chemoattractant induced by IFN-γ. CXCL9 is closely related to two other CXC chemokines called CXCL10 and CXCL11, additionally they all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. It 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 murine CXCL9 contains 105 amino acids which is a single non-glycosylated polypeptide chain. Furthermore, The murine CXCL9 shares 75% and 88% a.a. sequence identity with human and rat CXCL9.

Note: This product is for in vitro research use only