

Recombinant Rhesus Macaque Interleukin-8/CXCL8

Catalog No: #AP60143

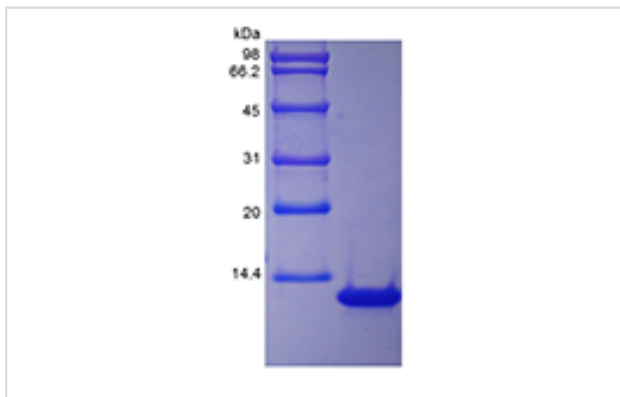
Package Size: #AP60143-1 5ug #AP60143-2 100ug #AP60143-3 500ug

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Description

Product Name	Recombinant Rhesus Macaque Interleukin-8/CXCL8
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Uniprot	P67813
GeneID	613028
Calculated MW	Approximately 9.14kD containing 79 amino acid residues.
Target Sequence	AVLPRSAKEL RCECIKTYSK PFHPKFIKEL RVIESGPHCA NTEIIVKLSG RELCLDPKE PWVQRVVEKF VKRAENQNP
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 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

Interleukin-8 (IL-8) is encoded by the IL8 gene and produced by macrophages and other cell types such as epithelial cells. It is also synthesized by endothelial cells, which store IL-8 in their storage vesicles. There are many receptors capable to bind IL-8, the most affinity to IL-8 are receptors CXCR1, and CXCR2. As a member of the CXC chemokine family, function of IL-8 is the induction of chemotaxis in its target cells, like neutrophil granulocytes, basophils, and T-cells. Rhesus macaque IL-8 has approximately 94 % amino acid sequence identity with human IL-8.

Note: This product is for in vitro research use only