

Recombinant Bovine Granulocyte Chemotactic Protein 2/CXCL6



Catalog No: #AP60386

Orders: order@signalwayantibody.com

Package Size: #AP60386-1 10ug #AP60386-2 100ug #AP60386-3 500ug

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Bovine Granulocyte Chemotactic Protein 2/CXCL6
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Uniprot	P80221
GeneID	281735
Calculated MW	Approximately 8.0 kDa, a single non-glycosylated polypeptide chain containing 76 amino acids.
Target Sequence	GPVAAVVREL RCVCLTTTPG IHPKTVSDLQ VIAAGPQCSK VEVIATLKNG REVCLDPEAP LIKKIVQKIL DSGKNN
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, 500 mM NaCl, pH 7.0.
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.

Background

GCP-2 (granulocyte chemotactic protein-2) is a CXC chemokine. Among human CXC chemokines, GCP-2 is most closely related to ENA-78. The structure and sequence of the genes for human GCP-2 and ENA-78 also exhibit close similarity, suggesting the two genes may have originated from a recent gene duplication. LIX (LPS-induced CXC chemokine) was initially cloned as a gene induced by LPS in mouse fibroblasts. The mouse protein designated GCP-2, because of its amino acid sequence similarity (60%) to human GCP-2, is identical to the LIX protein sequence.

Note: This product is for in vitro research use only