

Recombinant Rat Neutrophil Activating Peptide 2/CXCL7

Catalog No: #AP60369

Orders: order@signalwayantibody.com

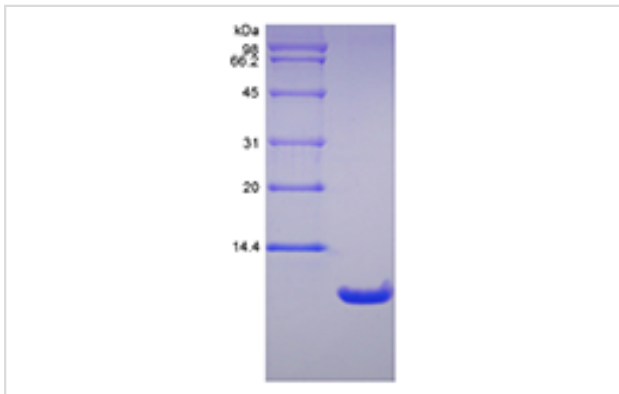
Package Size: #AP60369-1 10ug #AP60369-2 100ug #AP60369-3 500ug

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Rat Neutrophil Activating Peptide 2/CXCL7
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Other Names	CXC Chemokine RTCK1, Chemokine (C-X-C Motif) Ligand 7, Isoform CRA_b, Protein Ppbp.
Calculated MW	Approximately 6.8 kDa, a single non-glycosylated polypeptide chain containing 62 amino acids.
Target Sequence	IELRCRCTNT LSGIPLNSIS RVNVFRPGAH CDNVEVIATL KNGKEVCLDP TAPMIKKIVK KI
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

CXCL7 is a small cytokine which is also an isoform of Beta-Thromboglobulin or Pro-Platelet basic protein belonging to the CXC chemokine family and it is released in large amounts from platelets following their activation. CXCL7 stimulates DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by human synovial cells. Recombinant Rat CXCL7 contains 62 amino acids which is a single non-glycosylated polypeptide chain. In addition, The rat CXCL7 shares 58 % and 77 % a.a. sequence identity with human and mouse CXCL7.

Note: This product is for in vitro research use only