

# Recombinant Rat Cytokine-induced Neutrophil Chemoattractant-2 alpha/CXCL3

Catalog No: #AP60366

Package Size: #AP60366-1 10ug #AP60366-2 100ug #AP60366-3 500ug

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## Description

Product Name	Recombinant Rat Cytokine-induced Neutrophil Chemoattractant-2 alpha/CXCL3
Host Species	Escherichia coli.
Purification	> 96 % by SDS-PAGE and HPLC analyses.
Other Names	CINC-2alpha, MIP2-alpha
Uniprot	Q10746
GeneID	171551
Calculated MW	Approximately 7.8 kDa, a single non-glycosylated polypeptide chain containing 69 amino acids.
Target Sequence	RELRCQCLKT LPRVDFENIQ SLTVTPPGPH CTQTEVIATL KDGQEVCLNP QAPRLQKIIQ KLLKSDKSS
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.- 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

CXCL3 is belonging to the CXC chemokine family, which is also known as CINC-2 in rat, DCIP-1 in murine, and GROγ in humans. The functional receptor for CXCL3 has been identified as CXCR2. Similar to other GRO proteins, CXCL3 is potent neutrophil attractants and activators. This chemokine were originally purified from the conditioned medium of rat granulation tissue. In rat, CINC-2 has two isoforms, known as CXCL3&#945;/CINC-2&#945; and CXCL3β/CINC-2β. CXCL3&#945; differs from CXCL3β as DKSSB toB PSL (98-101) at carboxy-terminal residues.

Note: This product is for in vitro research use only