

Bioactive

CXCL3 (Human) Recombinant Protein

Catalog # P3617

Size 10 ug

Specification

Product Description	Human CXCL3 (P19876, 35 a.a. - 107 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	ASVVTELRCQCLQTLQGIHLKNIQSVNVRSPGPHCAQTEVIATLKNGKKACLNPASPMVQKIIIEKILNKGSTN
Host	Escherichia coli
Theoretical MW (kDa)	8
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	< 0.1 ng/ug (1 EU/ug)
Activity	Determined by the ability to chemoattract 293 transfected CXCR2 cells using a concentration range of 10-100 ng/mL.
Storage Buffer	Lyophilized from 40 mM NaCl, 10 mM PB, pH 7.0
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CXCL3

Entrez GeneID	2921
Protein Accession#	P19876
Gene Name	CXCL3
Gene Alias	CINC-2b, GRO3, GROg, MIP-2b, MIP2B, SCYB3
Gene Description	chemokine (C-X-C motif) ligand 3
Omim ID	139111
Gene Ontology	Hyperlink
Other Designations	GRO3 oncogene MGSA gamma melanoma growth stimulatory activity gamma

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infant](#)
- [Ovarian Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)