

Bioactive

CXCL2 (Human) Recombinant Protein

Catalog # P9464

Size 2 x 10 ug

Specification

Product Description	Human CXCL2 (P19875, 35 a.a. - 107 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	APLATELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNQKACLNPASPMVKKIIEKMLKNGKSN
Host	Escherichia coli
Theoretical MW (kDa)	7.9
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 98.0% by SDS-PAGE
Activity	The Biological activity is 10 - 100 ng/mL, was determined by the ability to chemoattract CXCR2 transfected 293 cells, corresponding to a specific activity of 10000 - 100000 IU/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CXCL2

Entrez GeneID	2920
Protein Accession#	P19875
Gene Name	CXCL2
Gene Alias	CINC-2a, GRO2, GROb, MGSA-b, MIP-2a, MIP2, MIP2A, SCYB2
Gene Description	chemokine (C-X-C motif) ligand 2
Omim ID	139110
Gene Ontology	Hyperlink
Other Designations	GRO2 oncogene MGSA beta melanoma growth stimulatory activity beta

Pathway

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

Disease

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