



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CXCL1 (Human) Recombinant Protein

**Catalog Number:** P9459

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CXCL1 (P09341, 35 a.a. - 107 a.a.) partial recombinant protein expressed in *Escherichia coli*.

**Sequence:**

ASVATELRCQCLQTLQGIHPKNIQSVNVKSPGPHCAQ  
TEVIATLKNRKAACLNPA SPIVKKIIEKMLNSDKSN

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 7.8

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 97.0% by SDS-PAGE

**Activity:** The Biological activity is 10 - 50 ng/mL, was determined by the ability to chemoattract human peripheral blood neutrophils.

**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.

**Entrez GeneID:** 2919

**Gene Symbol:** CXCL1

**Gene Alias:** FSP, GRO1, GROa, MGSA, MGSA-a, NAP-3, SCYB1

**Gene Summary:** Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC, based on the arrangement of the first 2 of the 4 conserved cysteine residues; the 2 cysteines are separated by a single amino acid in CXC chemokines and are adjacent in CC chemokines. CXC chemokines are further subdivided into ELR and non-ELR types based on the presence or absence of a glu-leu-arg sequence adjacent and N terminal to the CXC motif. ELR types are chemotactic for neutrophils, while non-ELR types are chemotactic for lymphocytes.[supplied by OMIM]