

Product Name: Recombinant Human CXCL1 (C-6His)
Catalog #: PHH0465

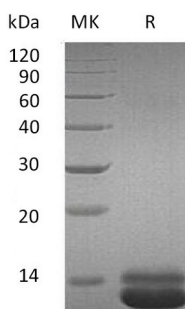


概述 (Summary)

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|-----------------------------|---|
| 英文全称 | CXCL1/C-X-C motif chemokine 1/KC/GRO alpha/CINC1/MGSA-alpha |
| 纯度 (Purity) | Greater than 95% as determined by reducing SDS-PAGE |
| 内毒素 (Endotoxin level) | <0.01 EU/μg as determined by LAL test. |
| 蛋白构建 (Construction) | Recombinant Human C-X-C Motif Chemokine 1 is produced by our Mammalian expression system and the target gene encoding Ala35-Asn107 is expressed with a 6His tag at the C-terminus. |
| Accession # | P09341 |
| 蛋白标签 (Tag) | |
| 表达宿主 (Host) | Human Cells |
| 种属 (Species) | Human |
| 预测分子量 (Predicted MW) | 8.9 KDa |
| 蛋白形态 (Form) | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 5% Trehalose, pH 7.4. |
| 储存缓冲液 (Buffer) | |
| 运输方式 (Shipping) | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| 稳定性&储存 (Stability &Storage) | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months. |
| 复溶 (Reconstitution) | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

Growth-Regulated Alpha Protein; C-X-C Motif Chemokine 1; GRO-Alpha(1-73); Melanoma Growth Stimulatory Activity; MGSA; Neutrophil-Activating Protein 3; NAP-3; CXCL1; GRO; GRO1; GROA; MGSA; SCYB1

背景介绍 (References)

Chemokine (C-X-C motif) Ligand 1 Protein (CXCL1) is a growth factor for melanoma cells and a chemotaxin for neutrophils and a member of the CXC chemokine family that is a potent neutrophil attractant and activator and is also active toward basophils. CXCL1 is expressed by macrophages, neutrophils and epithelial cells; it has neutrophil chemoattractant activity. CXCL1 plays a critical nonredundant role in the development of experimental Lyme arthritis and carditis via CXCR2-mediated recruitment of neutrophils into the site of infection and may also have important pro-nociceptive effects via its direct actions on sensory neurons, and may induce long-term changes that involve protein synthesis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.