

GRO / KC (CXCL1) Protein

Catalogue No.: abx260684

Mouse GRO/KC (CXCL1) Protein is a recombinant chemokine.

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| Target: | GRO1/KC |
| Origin: | Mouse |
| Expression: | Recombinant |
| Tested Applications: | SDS-PAGE |
| Host: | E. coli |
| Conjugation: | Unconjugated |
| Form: | Lyophilized |
| Purity: | > 97% (SDS-PAGE and RP-HPLC) |
| Reconstitution: | It is recommended to reconstitute the lyophilized GRO1 Recombinant in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. |
| Storage: | KC should be stored desiccated below -18 °C. Upon reconstitution CXCL1 should be stored at 4 °C between 2-7 days and for future use below -18 °C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P12850 (UniProt , ExPASy) |
| KEGG: | mmu:14825 |
| String: | 10090.ENSMUSP00000031327 |
| Sequence: | RLATGAPIANELRCQ CLQTMAGIHL KNIQSLKVLP SGPHCTQTEV IATLKNGREA CLDPEAPLVQ KIVQKMLKGV PK. |
| Biological Activity: | The biological activity was determined by measuring the dose dependent mobilization of intracellular calcium (calcium flux) with human neutrophils. Significant calcium mobilization is observed with 5ng/mL of recombinant mouse KC (Specific Activity: ? 2 x 14 units/mg). |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |