

Recombinant mouse CXCL1/GRO alpha protein ab202817

製品の詳細

製品名	Recombinant mouse CXCL1/GRO alpha protein
生理活性	ab202817 is fully biologically active when compared to standard, determined by its ability to chemoattract total Human neutrophils using a concentration range of 10.0-100.0 ng/mL.
精製度	> 97 % SDS-PAGE. Purity is determined by SDS-PAGE and HPLC analyses.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	Escherichia coli
アクセッション番号	<u>P12850</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	APIANELRCQCLQTMAGIHLKNIQSLKVLPSGPHCTQTEVIA TLKNGREA CLDPEAPLVQKIVQKMLKGVPK
予測される分子量	8 kDa
領域	25 to 96
配列の追加情報	This product is for the mature full length protein. The signal peptide is not included. A single non-glycosylated polypeptide chain.

特性

Our **Abpromise guarantee** covers the use of **ab202817** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	HPLC SDS-PAGE Functional Studies
製品の状態	Lyophilized

前処理および保存

保存方法および安定性 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze /

thaw cycle.

pH: 7.40

Constituents: 99% Phosphate Buffer, 0.87% Sodium chloride

Lyophilized from a 0.2 µM filtered solution.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions. Reconstituted protein should be stored in working aliquots and stored at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

関連情報

機能

Has chemotactic activity for neutrophils. May play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. In vitro, the processed forms GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) show a 30-fold higher chemotactic activity.

配列類似性

Belongs to the intercrine alpha (chemokine CxC) family.

翻訳後修飾

N-terminal processed forms GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) are produced by proteolytic cleavage after secretion from peripheral blood monocytes.

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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