

Product datasheet

Recombinant rat GRO gamma protein ab125819

概述

产品名称	重组大鼠GRO gamma蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [Q10746](#)

种属 Rat

序列 RELRCQCLKT LPRVDFENIQ SLTVTPPGPH
CTQTEVIATL KDGQEVCLNP QAPRLQKIIQ
KLLKSDKSS

分子量 8 kDa

氨基酸 33 to 101

额外的序列信息 GRO-g Rat Recombinant produced in E.Coli is a single,non-glycosylated, polypeptide chain containing 69 amino acids and having a molecular mass of 7.8kDa.

技术指标

Our [Abpromise guarantee](#) covers the use of **ab125819** in the following tested applications.

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

生物活性 Determined by its ability to chemoattract 293 transfected CXCR2 cells using a concentration range of 10-100 ng/ml, corresponding to a specific activity of 10,000-100,000 units/mg.

应用 Functional Studies
SDS-PAGE
HPLC

纯度 > 95 % SDS-PAGE.
ab125819 is purified by proprietary chromatographic techniques. Purity is greater than 97.0% as determined by RP-HPLC and SDS-PAGE.

形式 Lyophilised

补充说明 Upon reconstitution ab125819 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

制备和贮存

稳定性和存储 Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
pH: 7.40
Constituent: 99% PBS
This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶 It is recommended to reconstitute the lyophilized ab125819 in sterile 18Mcm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

常规信息

功能 Ligand for CXCR2 (By similarity). Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion. In vitro, the processed form GRO-gamma(5-73) shows a fivefold higher chemotactic activity for neutrophilic granulocytes.

序列相似性 Belongs to the intercrine alpha (chemokine CxC) family.

翻译后修饰 N-terminal processed form GRO-gamma(5-73) is produced by proteolytic cleavage after secretion from peripheral blood monocytes.

细胞定位 Secreted.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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