

Product datasheet

Recombinant rat GRO gamma protein ab125819

概述

产品名称	Recombinant大鼠GRO gamma protein
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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