

Recombinant rat FGF1 protein ab126927

描述

产品名称	重组大鼠FGF1蛋白
生物活性	Determined by a cell proliferation assay using balb/c 3T3 cells. The expected ED50 is = 0.1 ng/ml, in the presence of 10 µg/ml heparin, corresponding to a specific activity of = 1 x 10 ⁷ units/mg.
纯度	> 95 % SDS-PAGE. Greater than 95% by SDS-PAGE gel and HPLC analyses.
表达系统	Escherichia coli
Accession	P61149
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Rat
序列	MFNLPLGNYK KPKLLYCSNG GHFLRILPDG TVDGTRDRSD QHIQLQLSAE SAGEVYIKGT ETGQYLAMDT EGLLYGSQTP NEECLFLERL EENHYNTYTS KKHAEKNWFV GLKKNNGSCKR GPRTHYGQKA ILFLPLPVSS D
预测分子量	16 kDa
氨基酸	16 to 155

技术指标

Our **Abpromise guarantee** covers the use of **ab126927** in the following tested applications.

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

应用	Functional Studies SDS-PAGE HPLC
形式	Lyophilized

制备和贮存

稳定性和存储

Shipped at 4°C. Store at -80°C.

Constituents: 0.16% Sodium phosphate, 0.88% Sodium chloride, 0.2% CHAPS

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

复溶

Centrifuge the vial prior to opening. Reconstitute in 5mM Sodium Phosphate, pH 7.2 to a concentration of =0.5 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20oC to -80oC.

常规信息

功能

The heparin-binding fibroblast growth factors play important roles in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. They are potent mitogens in vitro.

序列相似性

Belongs to the heparin-binding growth factors family.

细胞定位

Secreted. Cytoplasm. Cytoplasm > cell cortex. Lacks a cleavable signal sequence. Within the cytoplasm, it is transported to the cell membrane and then secreted by a non-classical pathway that requires Cu(2+) ions and S100A13. Secreted in a complex with SYT1.

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

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