abcam

Product datasheet

Recombinant human FGF9/GAF protein ab50034

1 References

描述

产品名称	重组人FGF9/GAF蛋白
生物活性	Determined by its ability to stimulate the proliferation of mouse balb/c 3T3 cells using a concentration range of 1.0-5.0 ng/ml.
纯度	> 95 % SDS-PAGE.
内毒素水平	< 1.000 Eu/µg
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MAPLGEVGNY FGVQDAVPFG NVPVLPVDSP VLLSDHLGQS EAGGLPRGPA VTDLDHLKGI LRRRQLYCRT GFHLEIFPNG TIQGTRKDHS RFGILEFISI AVGLVSIRGV DSGLYLGMNE KGELYGSEKL TQECVFREQF EENWYNTYSS NLYKHVDTGR RYYVALNKDG TPREGTRTKR HQKFTHFLPR PVDPDKVPEL YKDILSQS

技术指标

Our **Abpromise guarantee** covers the use of **ab50034** in the following tested applications.

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

应用	SDS-PAGE Functional Studies
形式	Lyophilized
补充说明	Previously labelled as FGF9.

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

	Constituents: 1.45% Sodium chloride, 0.16% Sodium phosphate 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 water to a concentration of 0.2-0.5 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4^{o}C for 1 week or -20^{o}C for future use. Repeated freeze thaw cycles will result in some loss of activity.

常规信息

功能	May have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors.
组织特异性	Glial cells.
疾病相关	Defects in FGF9 are the cause of multiple synostoses syndrome type 3 (SYNS3) [MIM:612961]. Multiple synostoses syndrome is an autosomal dominant condition characterized by progressive joint fusions of the fingers, wrists, ankles and cervical spine, characteristic facies and progressive conductive deafness.
序列相似性	Belongs to the heparin-binding growth factors family.
翻译后修饰	Three molecular species were found (30 kDa, 29 kDa and 25 kDa), cleaved at Leu-4, Val-13 and Ser-34 respectively. The smaller ones might be products of proteolytic digestion. Furthermore, there may be a functional signal sequence in the 30 kDa species which is uncleavable in the secretion step. N-glycosylated.
细胞定位	Secreted.

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