

IGF-II, Mouse, Recombinant

货号: PCK338

产品信息

别名 AL033362, Igf-2, M6pr, Mpr, Peg, Peg2 表" | Pricella

物种 Mouse

表达宿主 E.coli

序列信息 AYGPGETLCGGELVDTLQFVCSDRGFYFSRPSSRANRRSRGIVEECCFRSCD

LALLETYCATPAKSE with polyhistidine tag at the N-terminus.

检索号 P09535.1

分子量 8.20 kDa

标签 His-tag at the N-terminus

生物活性 Measure by its ability to induce MCF-7 cells proliferation. The ED50 for this effect

is <6 ng/mL.The specific activity of recombinant mouse IGF-II is $>1.5 \times 10^{5}$

IU/mg.

产品特性

>98% as determined by SDS-PAGE. Ni-NTA chromatography 纯度

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

> store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

8.0.

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复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

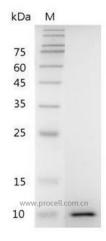
背景介绍

Insulin-like growth factor 2 (IGF-2) is one of three protein hormones that share structural similarity to insulin. The major role of IGF-2 is as a growth promoting hormone during gestation. It is believed to be a major fetal growth factor in contrast to Insulin-like growth factor 1, which is a major growth factor in adults.

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SDS-PAGE



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