

IGF-II, Mouse, Recombinant

货号：PCK338

产品信息

别名	AL033362, Igf-2, M6pr, Mpr, Peg, Peg2
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 x 10 ⁵ IU/mg.

产品特性

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



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. 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.

SDS-PAGE

