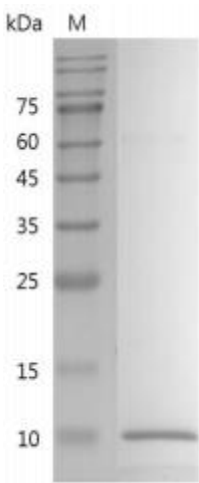


Recombinant Human IGF- II (Insulin-like growth factor- II)

编号:	PY2203	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述:	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.
来源:	<i>Escherichia coli</i>
纯度:	>98% as determined by SDS-PAGE. Ni- NTA chromatography.
生物学活性:	Measure by its ability to induce MCF-7 cells proliferation. The ED ₅₀ for this effect is < 3 ng/mL. The specific activity of recombinant human IGF-II is > 3x 10 ⁵ IU/mg.
内毒素检测:	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列:	AYRPSETLCGGELVDTLQFVCGDRGF YFSRPASRVSRRSRGIVECCFRSCDL ALLETYCATPAKSE with polyhistidine tag at the N-terminus



SDS- PAGE analysis of recombinant human IGF- II

产品组成

成分:	从含有 1X PBS, pH 8.0 溶液中冻干的蛋白质.
-----	-------------------------------

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液（初始）	2℃至8℃	不超过1周
重悬液（经稀释）	-20℃至-80℃	3到6个月

运输方式：蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100μg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8℃无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1% BSA、10% FBS 或5% HSA）的溶液进一步稀释（不低于10ug/mL）后分装保存，-20℃至-80℃无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB = Western Blot; IP = Immunoprecipitation; IF = Immunofluorescence; IHC = Immunohistochemistry;
FACS = Fluorescence activated Cell Sorting; FA = Functional Assay