# Recombinant Human IGF-I (67AA)

*Catalog#:PEH0839*

## 概述（Summary）

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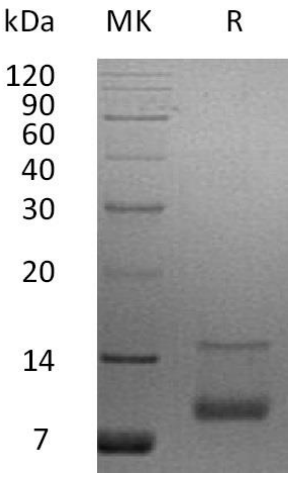
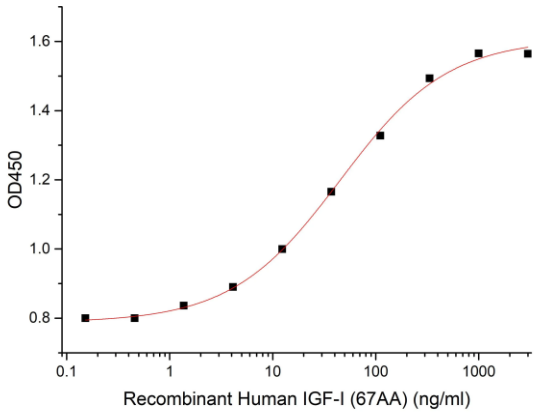
| **别称（Alternative Names）** | Insulin-Like Growth Factor I; IGF-I; Mechano Growth Factor; MGF; Somatomedin-C; IGF1; IBP1 |
| **纯度（Purity）** | Greater than 95% as determined by reducing SDS-PAGE |
| **内毒素（Endotoxin level）** | <0.5 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | 【Thr52-Ala118】 |
| **Accession #** | P05019 |
| **表达宿主（Host）** | E. coli |
| **种属（Species）** | Human |
| **预测分子量（Predicted MW）** | 7.3 kDa |
| **制剂（Form）** | Lyophilized from a 0.2 μm filtered solution of 20mM NaAc-HAc, pH 4.5 |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图（SDS-PAGE image）




Greater than 95% as determined by reducing SDS-PAGE.

## 活性图（Bioactivity image）




Measured in a serum-free cell proliferation assay using MCF□7 human breast cancer cells. The ED50 for this effect is 20-100 ng/ml (QC verified).

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.