

## Recombinant human IGF-1 protein (His tag)

### Description

<b>Product name</b>	Recombinant human IGF-1 protein (His tag)
<b>Catalog#</b>	ABT-9014
<b>Known as</b>	Insulin-like growth factor I; Mechano growth factor; Somatomedin-C
<b>Expression system</b>	HEK 293 cells
<b>Tags</b>	His tag C-terminus

### Specifications

<b>SDS-PAGE</b>	11 kDa, reducing conditions
<b>Purity</b>	>90% SDS-PAGE
<b>Form</b>	Lyophilized powder

### Stability and Storage

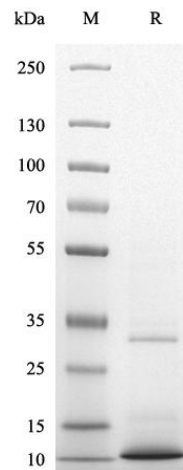
<b>Storage</b>	Store at -20 ~ -80°C, avoid repeated freeze/ thaw cycle
<b>Stability</b>	Aliquot and store at -20°C for 12 months.
<b>Constituents</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 and 5% trehalose.

### General information

<b>Function</b>	<p>The insulin-like growth factors, isolated from plasma, are structurally and functionally related to insulin but have a much higher growth-promoting activity. May be a physiological regulator of [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblasts. Ca<sup>2+</sup>-dependent exocytosis of IGF1 is required for sensory perception of smell in the olfactory bulb.</p>
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### Images

**For research use only.**



Human IGF-1 (His Tag) on SDS-PAGE under reducing condition(R). The gel was visualized by Coomassie® Blue Staining. The purity of the protein is greater than 95%.

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