

Recombinant human IGF-1 with a fusion protein

Description

Product name	Recombinant human IGF-1 with a fusion protein
Catalog#	ABT-9089
Known as	Insulin-like growth factor I; Mechano growth factor; Somatomedin-C
Expression system	E.coli
Tags	His tag C-terminus

Specifications

SDS-PAGE	70 kDa, reducing conditions
Purity	>95% SDS-PAGE
Form	Lyophilized powder

Stability and Storage

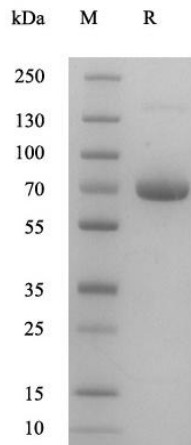
Storage	Store at -20 ~ -80°C, avoid repeated freeze/ thaw cycle
Stability	Aliquot and store at -20°C for 12 months.
Constituents	Lyophilized from 0.22 µm filtered solution in Tris-HCl with 0.2M NaCl, pH8.

General information

Function	<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. Ca²⁺-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 with a fusion protein 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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