



# Recombinant human insulin-like growth factor 1 (>95%) (DAGA-811)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Insulin-like growth factor 1 (IGF-1), also called somatomedin C, is a protein that in humans is encoded by the IGF1 gene. IGF-1 has also been referred to as a "sulfation factor"IGF-1 consists of 70 amino acids in a single chain with three intramolecular disulfide bridges.IGF-1 levels can be measured in the blood in 10-1000 ng/ml amounts. As levels do not fluctuate greatly throughout the day for an individual person, IGF-1 is used by physicians as a screening test for growth hormone deficiency and excess in acromegaly and gigantism.
<b>Purity</b>	>95% by SDS-PAGE
<b>Conjugate</b>	TBD
<b>Applications</b>	Biosensors, Clinical Chemistry, Control Manufacture, ELISA, Lateral Flow, Life Science
<b>Format</b>	Lyophilized
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	20 mM PB, pH 7.0 and 130 mM NaCl
<b>Preservative</b>	None
<b>Storage</b>	Store 2-8°C (short term, up to 3 weeks).

## BACKGROUND

<b>Keywords</b>	IGF1;insulin-like growth factor 1 (somatomedin C);IGFI;IGF-I;IGF1A;insulin-like growth factor I;MGF;IGF-IA;IGF-IB;somatomedin-C;mechano growth factor;insulin-like growth factor
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