

igf1

Recombinant Salmon/Trout IGF-1, Receptor Grade

Catalog No.	WU100	Quantity:	100 µg
Alternate Names:	Insulin-like growth factor I, Somatomedin		
Description:	Salmon / Trout (Oncorhynchus kisutch / Oncorhynchus mykiss) Insulin-like Growth Factor-I (Salmon / Trout IGF-I) is a 70 amino acid polypeptide. Salmon / Trout IGF-I can be used for a variety of in vivo and in vitro applications including those investigating the actions of growth hormone, since IGF mediates many of the properties of growth hormone.		
UniProt ID:	P17085, Q02815		
Gene ID:	109896674, 100136741		
Source:	Expressed in E.coli		
Molecular Weight:	7,705 Da		
Purity:	> 95 % by HPLC analysis		
Endotoxin Level:	< 0.1 EU/µg		
Appearance:	Lyophilized from 0.1 M acetic acid and stored under dry N ₂ at a slight vacuum		
Biological Activity:	Stimulation of protein synthesis in rat L6 myoblasts: ED ₅₀ < 38.5 ng/ml		
Amino Acid Sequence:	N-terminal 5 residues confirmed		
Reconstitution:	See Protocol 1000, Handling of IGF-I, IGF-II and IGF analogs.		
Application Notes:	Protocol 3001: Iodination of IGF peptides Protocol 3002: Determination of IGF-I or IGF-II in a range of species by Radioimmunoassay (RIA)		
Storage & Stability:	Store as supplied for up to 1 year at 2-8°C		

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Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com