

Igf1

Recombinant Barramundi IGF-I (*Lates calcarifer*)

Catalog No.	YU020 YU100	Quantity:	20 µg 100 µg
Alternate Names:	Insulin-like growth factor I		
Description:	Barramundi (<i>Lates calcarifer</i>) Insulin-like Growth Factor-I (Barramundi IGF-I) is a 66 amino acid polypeptide that shares structural homology with human IGF-I. Barramundi IGF-I can be used for a variety of in vivo and in vitro applications including those investigating the actions of growth hormone.		
Source:	Expressed in <i>E.coli</i>		
Molecular Weight:	7309 Da		
Purity:	> 95 % by HPLC analysis		
Endotoxin Level:	< 0.1 EU/µg		
Formulation:	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 < 10 nmol/l		
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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