



GroPep Bioreagents

Salmon/Trout IGF-II (*Oncorhynchus species*)

Description

Salmon/Trout insulin-like growth factor-II (IGF-II) is a single chain 70 amino acid polypeptide that shares structural homology with human IGF-II. Fifteen amino acids are different compared to the sequence of human IGF-II. Salmon/Trout IGF-II has been shown to stimulate growth in L6 myoblasts and other cell lines. Receptor Grade Salmon/Trout IGF-II is a high quality research reagent for use in aquaculture studies and comparative endocrinology.

References

Wilkinson R. et al. (2004) Protein Expression and Purification **35**, 334-343

Source:	Produced in <i>E.coli</i> .
Molecular Weight:	7866 daltons
Purity:	>95 % (by HPLC analysis)
N-terminal sequence:	Analysis of 5 residues
Biological Activity:	Stimulation of protein synthesis in rat L6 myoblasts (ED ₅₀ < 250 ng/ml)
Endotoxin:	< 0.1 EU/μg
Appearance:	White powder freeze-dried from 0.1M acetic acid and stored under nitrogen at a slight vacuum.
Storage/Stability:	At least 2 years at 2-4°C (as a freeze dried product).
Reconstitution:	<i>Handling of GroPep IGF-I, IGF-II and IGF analogues</i>
Detection:	<i>General Procedure for microplate Enzyme Immunoassay (EIA)</i> <i>Procedure for Enzyme Immunoassay (EIA) of Salmon/Trout IGF-II</i>

Product Codes and Pricing

Salmon/Trout IGF-II **100 μg** **ATU100**

Related Products: Salmon/Trout IGF-I
Salmon/Trout IGF-II antiserum (Rabbit)
Salmon/Trout GH antiserum (Rabbit)

****NOT FOR USE IN HUMANS****

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