

Tuna IGF-II (Receptor Grade)

Catalog No.	AUU020
Size:	20 µg
Description:	Tuna Insulin-like Growth Factor-II (Tuna IGF-II) is a polypeptide of 69 amino acids, eighteen of which differ from the amino acid sequence of human IGF-II. Eight of these changes occur in the B-domain, six in the variable C –domain, two in the A-domain and two in the D-domain.
References:	Deggar, B. <i>et al.</i> (2001) <i>Gen. Comp. Endocrinol.</i> 123 , 38-50.
Source:	Produced recombinantly in <i>E.coli</i> .
Purity:	>95 % (by N-terminal sequence analysis).
Molecular Weight:	7852 daltons – confirmed by Mass Spectrometry.
N-terminal sequence analysis:	5 residues > 95 % single sequence.
Biological Activity:	Stimulation of protein synthesis in rat L6 myoblasts: ED ₅₀ < 200 ng/ml (25nM).
Endotoxin:	< 0.1 EU/ µg
State and Appearance:	Lyophilized white powder. Dried from 0.1 M acetic acid and stored under nitrogen at a slight vacuum.
Storage/Stability:	At least 2 years at 2 - 4°C (lyophilized).
Reconstitution:	<u>#1000: Handling of IGF-I, IGF-II and IGF Analogs</u>
Related Products:	<u>Tuna IGF-I (Receptor Grade)</u> , Catalog No: AEU020, size: 20 µg or Catalog No: AEU100, size: 100 µg <u>Fish IGF-I RIA Kit</u> , Catalog No: KITA, Sufficient for 100 fish serum samples (in triplicate).

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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