



GroPep Bioreagents



Chicken IGF-II

Description

Chicken insulin-like growth factor-II (IGF-II) is a single chain 66 amino acid polypeptide that shares structural homology with human IGF-II. Twelve amino acids are different compared to the sequence of human IGF-II. Chicken IGF-II has been shown to stimulate growth and differentiation in many cell types including chick embryo fibroblasts. Receptor Grade chicken IGF-II is a high quality research reagent particularly for use in studies on cellular and animal growth, for use in specific assays for chicken IGF-II and other general research purposes.

References

Upton Z *et al* (1995) Journal of Molecular Endocrinology **14**, 79-90

Source:	Produced in <i>E.coli</i> .
Molecular Weight:	7512 daltons
Purity:	>95 % (by HPLC analysis)
N-terminal sequence:	Analysis of 5 residues
Biological Activity:	IGF type I receptor binding assay (ED ₅₀ < 20 ng/ml); Stimulation of protein synthesis in rat L6 myoblasts (ED ₅₀ < 150 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>Procedure for the Iodination of IGF peptides</i> <i>Determination of IGF-I or IGF-II in a range of species by Radioimmunoassay (RIA)</i> <i>Procedure for Western Ligand blotting using iodinated IGF-I or IGF-II</i>

Product Codes and Pricing

Chicken IGF-II	100 μg	SU100	US\$100
-----------------------	---------------	--------------	----------------

Related Products:	Chicken IGF-I Human IGF-II antiserum (Rabbit) IGF-II polyclonal antibody (Rabbit)
--------------------------	---

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

GroPep Bioreagents Pty Ltd
51 West Thebarton Road
Thebarton SA 5031
Australia

ABN 93 147 032 166

Telephone: +61 8 7222 1051

Postal Address:
PO Box 10065
Adelaide Business Centre
SA 5000
Australia

Email:
info@gropep.com

Internet:
www.gropep.com