

## IGF2

### Recombinant Chicken IGF-II, Receptor Grade

<b>Catalog No.</b>	SU020 SU100	<b>Quantity:</b>	20 µg 100 µg
<b>Alternate Names:</b>	Insulin-like growth factor II		
<b>Description:</b>	Chicken Insulin-like Growth Factor-II (Chicken IGF-II) is a polypeptide of 66 amino acids, twelve of which differ from the amino acid sequence of human IGF-II. Chicken IGF-II stimulates growth and differentiation in many cell types, including rat L6 myoblasts and chicken embryo fibroblasts		
<b>UniProt ID:</b>	P33717		
<b>Gene ID:</b>	395097		
<b>Appearance:</b>	Lyophilized from 0.1 M acetic acid and stored under dry N <sub>2</sub> at a slight vacuum.		
<b>Source:</b>	Expressed in <i>E.coli</i> .		
<b>Molecular Weight:</b>	7,512 Da		
<b>Purity:</b>	> 95 % by HPLC analysis		
<b>Endotoxin Level:</b>	< 0.1 EU/µg		
<b>Biological Activity:</b>	IGF type I receptor binding assay: ED <sub>50</sub> < 20 ng/ml Stimulation of protein synthesis in rat L6 myoblasts: ED <sub>50</sub> < 150 ng/ml		
<b>Amino Acid Sequence:</b>	N-terminal 5 residues confirmed		
<b>Reconstitution:</b>	See Protocol 1000, Handling of IGF-I, IGF-II and IGF analogs.		
<b>Application Notes:</b>	Protocol 3001: Iodination of IGF peptides Protocol 3002: Determination of IGF-I or IGF-II in a range of species by Radioimmunoassay (RIA) Protocol 3003 Procedure for Western Ligand blotting using iodinated IGF-I or IGF-II		
<b>Storage &amp; Stability:</b>	Store as supplied for up to 1 year at 2-8°C		

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