

Recombinant Chicken IGF2 Protein, His-tagged

Cat. No. IGF2-987C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken IGF2 Protein (Tyr25-Glu91) with His tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Tyr25-Glu91
Description	This gene encodes a member of the insulin family of polypeptide growth factors, which are involved in development and growth. It is an imprinted gene, expressed only from the paternal allele, and epigenetic changes at this locus are associated with Wilms tumour, Beckwith-Wiedemann syndrome, rhabdomyosarcoma, and Silver-Russell syndrome. A read-through INS-IGF2 gene exists, whose 5' region overlaps the INS gene and the 3' region overlaps this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 7.5 kDa; Accurate Molecular Mass: 19 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	IGF2 insulin like growth factor 2 [Gallus gallus (chicken)]
Official Symbol	IGF2
Synonyms	IGF2; insulin like growth factor 2; IGF-II; insulin-like growth factor II; insulin-like growth factor 2 (somatomedin A); insulin-like growth factor 2 (somatomedin A)prepro-IGF-IIprepro-insulin-like growth factor-II; prepro-IGF-II; prepro-insulin-like growth factor-II
Gene ID	395097
mRNA Refseq	NM_001030342
Protein Refseq	NP_001025513
UniProt ID	P33717

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