

Recombinant Chicken INHA Protein, His&GST-tagged

Cat. No. INHA-1061C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken INHA Protein (Ser217-Val329) with His&GST tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Ser217-Val329
Description	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate multiple peptide products, including the alpha subunit of the inhibin A and B protein complexes. These complexes negatively regulate follicle stimulating hormone secretion from the pituitary gland. Inhibins have also been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. Mutations in this gene may be associated with male infertility and premature ovarian failure in female human patients.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.4 kDa; Accurate Molecular Mass: 42 kDa
Purity	> 95%
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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	INHA inhibin alpha subunit [Gallus gallus (chicken)]
Official Symbol	INHA
Synonyms	INHA; inhibin alpha subunit; inhibin alpha chain
Gene ID	424197
mRNA Refseq	NM_001031257
Protein Refseq	NP_001026428
UniProt ID	P43031

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