

Recombinant Cattle AHSG Protein, His-tagged

Cat. No. AHSG-101C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle AHSG Protein (Ile19-Ile359) with N-His tag was expressed in E. coli.
Species	Cattle
Source	E.coli
ProteinLength	Ile19-Ile359
Description	Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Suggested to have lymphocyte stimulating properties, lipid binding capability and to bind thyroid hormone.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.1 kDa Accurate Molecular Mass: 48 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

AHSG alpha 2-HS glycoprotein [Bos taurus (cattle)]

Official Symbol

AHSG

Synonyms

AHSG; alpha 2-HS glycoprotein; alpha-2-HS-glycoprotein; asialofetuin; fetuin-A

Gene ID

280988

mRNA Refseq

NM_173984

Protein Refseq

NP_776409

UniProt ID

P12763

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