

Recombinant Cattle RBP5 protein, His-tagged

Cat. No. RBP5-1482C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle RBP5 aa. (Met1~Lys135 (Accession # P82708)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Met1~Lys135
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 6.4

GENE INFORMATION

Gene Name RBP5 retinol binding protein 5 [Bos taurus (cattle)]

Official Symbol RBP5

Synonyms RBP5; CRBP-III; retinol-binding protein 5; cellular retinol-binding protein III; retinol binding protein 5, cellular; retinol-binding protein III, cellular

Gene ID 539418

mRNA Refseq NM_001101192.2

Protein Refseq NP_001094662.1

UniProt ID P82708

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