

Recombinant Cattle RBP4 protein, His-tagged

Cat. No. RBP4-1757C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle RBP4 aa. (Glu1~Leu183) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Glu1~Leu183
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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.
Isoelectric Point	6

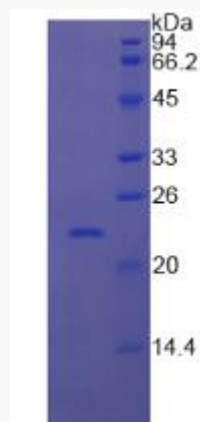
GENE INFORMATION

Gene Name	RBP4 retinol binding protein 4 [Bos taurus (cattle)]
Official Symbol	RBP4
Synonyms	RBP4; retinol-binding protein 4; PRBP; RBP; plasma retinol-binding protein; retinol binding protein 4, plasma
Gene ID	281444
mRNA Refseq	NM_001040475.2
Protein Refseq	NP_001035565.2
UniProt ID	G1K122

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SDS-PAGE

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