

Recombinant Cattle FKBP1A protein, His-tagged

Cat. No. FKBP1A-1265C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle FKBP1A aa. (Gly2~Glu108 (Accession # P68107) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Gly2~Glu108
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.2kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein 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 -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.

GENE INFORMATION

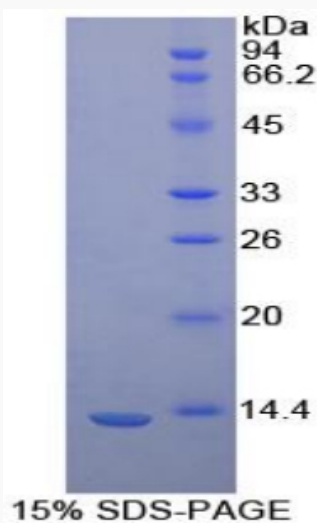
Gene Name	FKBP1A FK506 binding protein 1A [<i>Bos taurus</i> (cattle)]
Official Symbol	FKBP1A
Synonyms	FKBP1A; FKBP1B; peptidyl-prolyl cis-trans isomerase FKBP1A; 12 kDa FK506-binding protein; 12 kDa FKBP; FK506 binding protein 1A, 12kDa; FK506 binding protein 1B, 12.6 kDa; FKBP-12; FKBP-1A; PPlase FKBP1A; calstabin-1; immunophilin FKBP12; rotamase
Gene ID	614795
mRNA Refseq	NM_001035456.1
Protein Refseq	NP_001030533.1
UniProt ID	P68107

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SDS-PAGE



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