Recombinant Cattle FKBP3 Protein, His-tagged

Cat. No. FKBP3-2188C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle FKBP3 Protein (Ala2-Asp224) with a N-His tag was expressed in E. coli.
Species	Cattle
Source	E.coli
ProteinLength	Ala2-Asp224
Description	FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the two immunosuppressants which inhibit T-cell proliferation by arresting two dinstinct cytoplasmic signal transmission pathways. PPIases accelerate the folding of proteins.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.8 kDa Accurate Molecular Mass: 33 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	FKBP3 FKBP prolyl isomerase 3 [Bos taurus (cattle)]
Official Symbol	FKBP3
Synonyms	FKBP3; FKBP prolyl isomerase 3; FKBP-3; peptidyl-prolyl cis-trans isomerase FKBP3 25 kDa FK506-binding protein 25 kDa FKBP FK506 binding protein 3, 25kDa FK506-binding protein 3 FKBP-25 PPIase FKBP3 immunophilin FKBP25 rapamycin-selective 25 kDa immunophilin rotamase EC 5.2.1.8
Gene ID	515069

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mRNA Refseq	NM_001038112
Protein Refseq	NP_001033201
UniProt ID	P26884

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