Recombinant Cattle FKBP1B Protein, His-tagged

Cat. No. FKBP1B-2187C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle FKBP1B Protein (Gly2-Glu108) with a N-His tag was expressed in E. coli.
Species	Cattle
Source	E.coli
ProteinLength	Gly2-Glu108
Description	Has the potential to contribute to the immunosuppressive and toxic effects of FK506 and rapamycin. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (By similarity).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.4 kDa Accurate Molecular Mass: 17 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	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	FKBP1B FKBP prolyl isomerase 1B [Bos taurus (cattle)]
Official Symbol	FKBP1B
Synonyms	FKBP1B; FKBP prolyl isomerase 1B; FKBP12.6; peptidyl-prolyl cis-trans isomerase FKBP1B 12.6 kDa FK506-binding protein 12.6 kDa FKBP FK506 binding protein 1B, 12.6 kDa FK506-binding protein 1B FKBP-12.6 FKBP-1B Immunophilin FKBP12.6 PPIase 1B PPIase FKBP1B Rotamase 1B peptidyl-prolyl cis-trans isomerase 1B

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	peptidyl-prolyl cis-trans isomerase; PPIase EC 5.2.1.8
Gene ID	785179
mRNA Refseq	NM_001098158
Protein Refseq	NP_001091627
UniProt ID	P68107

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