

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 1g (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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
 PPlase 1B
 PPlase FKBP1B
 Rotamase 1B
 peptidyl-prolyl cis-trans isomerase 1B

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA