

Datasheet for ABIN667593

FKBP1B Protein (AA 1-108) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	FKBP1B
Protein Characteristics:	AA 1-108
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP1B protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	FKBP1B, 1-108aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	FKBP1B
Alternative Name:	FKBP1B (FKBP1B Products)
Background:	FKBP1B, also known as peptidyl-prolyl cis-trans isomerase FKBP1B, is a member of the immunophilin protein family which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 (tacrolimus) and rapamycin (sirolimus). It is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-

Target Details

contraction coupling in cardiac muscle. Recombinant human FKBP1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Peptidyl-prolyl cis-trans isomerase FKBP1B, FKBP12.6, FKBP1L, OTK4, PKBP1L, PPIase. NCBI no.: NP_004107

Molecular Weight: 14.2 kDa (130aa), confirmed by MALDI-TOF

Pathways: [Hormone Transport](#), [Negative Regulation of Hormone Secretion](#), [Negative Regulation of Transporter Activity](#)

Application Details

Restrictions: For Research Use only

Handling

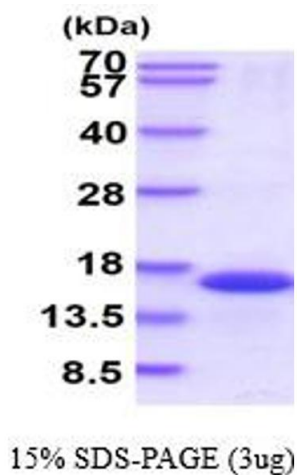
Format: Liquid

Concentration: 0.25 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.