

FKBP1A 抗原（重组蛋白）

中文名称：FKBP1A 抗原（重组蛋白）

英文名称：FKBP1A Antigen (Recombinant Protein)

别名：FKBP1; PKC12; PKCI2; FKBP12; PPIASE; FKBP-12; FKBP-1A

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 2-108 amino acids of human FKBP1A

技术规格：

Full name:	FK506 binding protein 1A
Synonyms:	FKBP1; PKC12; PKCI2; FKBP12; PPIASE; FKBP-12; FKBP-1A
Swissprot:	P62942
Gene Accession:	BC005147
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. The protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It interacts with several intracellular signal transduction proteins including type I TGF-beta receptor. It also interacts with multiple intracellular calcium release channels,

and coordinates multi-protein complex formation of the tetrameric skeletal muscle ryanodine receptor. In mouse, deletion of this homologous gene causes congenital heart disorder known as noncompaction of left ventricular myocardium. Multiple alternatively spliced variants, encoding the same protein, have been identified. The human genome contains five pseudogenes related to this gene, at least one of which is transcribed.