Datasheet for ABIN4949097

FKBP4 Protein (AA 1-459) (His tag,PA tag)

1 Image

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Overview

Quantity:	50 µg
Target:	FKBP4
Protein Characteristics:	AA 1-459
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP4 protein is labelled with His tag,PA tag.
Application:	Functional Studies (Func)

Product Details

Sequence:	AA 1-459
Characteristics:	This protein carries a polyhistidine tag at the C-terminus, followed by a PA tag, and has a calculated MW of 55.1 kDa. The predicted N-terminus is Met 1. The reducing (R) protein migrates as 60 kDa in SDS-PAGE.
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	FKBP4
Alternative Name:	FKBP4 (FKBP4 Products)

Target Details

Background:	Peptidyl-prolyl cis-trans isomerase FKBP4 (PPIase FKBP4) is also known as immunophilin FKBP52. FKBP4 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP4 has high structural and functional similarity to FK506-binding protein 1A (FKBP1A), but unlike FKBP1A, this protein does not have immunosuppressant activity when complexed with FK506. FKBP4 interacts with interferon regulatory factor-4 and plays an important role in immunoregulatory gene expression in B and T lymphocytes.
Molecular Weight:	55.1 kDa
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

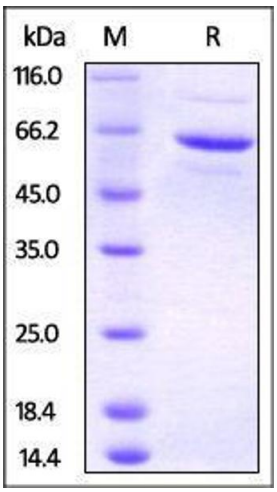
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



SDS-PAGE

Image 1. Human FKBP4, His Tag & PA Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.