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Datasheet for ABIN7318886

FKBP7 Protein (AA 24-222) (His tag)

Overview

Quantity:	50 µg
Target:	FKBP7
Protein Characteristics:	AA 24-222
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PPIase/FKBP7 Protein (aa 24-222, His Tag)
Sequence:	Gln24-Leu222
Characteristics:	Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP7 is produced by our Mammalian expression system and the target gene encoding Gln24-Leu222 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FKBP7
Alternative Name:	PPIase/FKBP7 (FKBP7 Products)

Target Details

Background:	<p>Background: Peptidyl-Prolyl Cis-Trans Isomerase FKBP7 (FKBP7) is a member of the FKBP-type peptidyl-prolyl cis/trans isomerase (PPlase) family. FKBP7 contains two EF-hand domains and one PPlase FKBP-type domain. FKBP7 exhibits PPlase activity and function as molecular chaperones. In addition, FKBP7 accelerates the folding of proteins during protein synthesis. It has been shown that Hsp90 complex to the nucleus bind its PPlase domain to cytoplasmic dynein, the motor protein responsible for retrograde movement along microtubules.</p> <p>Synonym: Peptidyl-Prolyl Cis-Trans Isomerase FKBP7, PPlase FKBP7, 23 kDa FK506-Binding Protein, 23 kDa FKBP, FKBP-23, FK506-Binding Protein 7, FKBP-7, Rotamase, FKBP7, FKBP23</p>
Molecular Weight:	23.9 kDa
UniProt:	Q9Y680
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 1 mM GaCl ₂ , 10 % Glycerol, pH 7.5.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.