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Datasheet for ABIN1880661

FKBP2 Protein (AA 22-142) (His tag)

Overview

Quantity:	50 µg
Target:	FKBP2
Protein Characteristics:	AA 22-142
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP2/FKBP22/FKBP13 (C-6His)
Sequence:	ATGAEGKRKL QIGVKKRVDH CPIKSRKGDV LHMHYTGKLE DGTEFDSSLP QNQPVFVSLG TGQVIKGDQ GLLGMCEGEK RKLVIPSELG YGERGAPPKI PGGATLVFEV ELLKIERRTE LVDHHHHHH
Characteristics:	Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP2/FKBP2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Ala22-Leu142) of Human FKBP2 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	FKBP2
Alternative Name:	FKBP2 (FKBP2 Products)
Sub Type:	Fusionprotein
Background:	<p>Peptidyl-prolyl cis-trans isomerase FKBP2(FKBP2 for short), also named 13 kDa FK506-binding protein, FK506-binding protein 2, Immunophilin FKBP13, Rotamase, is a endoplasmic reticulum peripheral membrane protein. It contains 1 PPlase FKBP-type domain and belongs to the FKBP-type PPlase family, FKBP2 subfamily which takes part in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP2 is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. FKBP2 functions as an ER chaperone and as a component of membrane cytoskeletal scaffolds.</p> <p>Alternative Names: Peptidyl-prolyl cis-trans isomerase FKBP2(FKBP2 for short), also named 13 kDa FK506-binding protein, FK506-binding protein 2, Immunophilin FKBP13, Rotamase, is a endoplasmic reticulum peripheral membrane protein.</p>
Molecular Weight:	14.3 kDa
UniProt:	P26885

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl,150mm NaCl, pH 7.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months