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Product datasheet for TP726979

FKBP7 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP7/FKBP7 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln24-Leu222
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM CaCl2, 10% Glycerol, pH 7.5.
Note:	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.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	51661
UniProt ID:	Q9Y680
Synonyms:	Peptidyl-Prolyl Cis-Trans Isomerase FKBP7; PPIase FKBP7; 23 kDa FK506-Binding Protein; 23 kDa FKBP; FKBP-23; FK506-Binding Protein 7; FKBP-7; Rotamase; FKBP7; FKBP23
Summary:	Peptidyl-Prolyl Cis-Trans Isomerase FKBP7 (FKBP7) is a member of the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. FKBP7 contains two EF-hand domains and one PPIase FKBP-type domain. FKBP7 exhibits PPIase 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 PPIase domain to cytoplasmic dynein, the motor protein responsible for retrograde movement along microtubules.
Protein Families:	Druggable Genome, Transmembrane

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