Recombinant Human FKBP7

Catalog No: CA33

Description	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.
Expression System	Human cells
Alternative name	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
Accession No.	Q9Y680
Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM TrisHCl,150mM NaCl,1Mm GaCl2,10%Glycerol,pH7.5.
Shipping	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Background	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.

SDS-PAGE