

32-7763: Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP7/FKBP7 (C-6His)

Gene : FKBP7
Gene ID : 51661
Uniprot ID : Q9Y680

Description

Source: Human Cells.
MW :23.94kD.

Recombinant Human PPlase 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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl,1mM GaCl₂,10%Glycerol,pH7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : QRQKKEESTEEVKIEVLHRPENCSKTSKKGDLLNAHYDGYLAKDGSKFYCSRTQNEGHPKWFVLGVGQVIKGL
DIAMTDMCPGEEKRKVVIPPSFAYGKEGYAEGKIPPDATLIFEIELYAVTKGPRSIETFKQIDMDNDRQLSKAEINLY
LQREFEKDEKPRDKSYQDAVLEDIFKKNDDHGDGFISPKEYNVYQHDELVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.