

32-8345: Recombinant Human Peptidyl-Prolyl Cis-Trans Isomerase FKBP3 (N-6His)

Gene : FKBP3

Gene ID : 2287

Uniprot ID : Q00688

Description

Source: E. coli.

MW :27.3kD.

Recombinant Human FKBP25/ is produced by our E.coli expression system and the target gene encoding Met1-Asp224 is expressed with a 6His tag at the N-terminus. FKBP3 contains 1 PPlase FKBP-type domain, belongs to the FKBP-type PPlase family. FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the two immunosuppressants which inhibit T-cell proliferation by arresting two distinct cytoplasmic signal transmission pathways. FKBP3 is a cis-trans prolyl isomerase enzyme that binds the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,1mM DTT,10% glycerol .

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MGSSHHHHHSSGLVPRGSHMAAAVPQRAWTVEQLRSEQLPKKDIIKFLQEHGSDSFLAEHKLLG
NIKNVAKTANKDHLVTAYNHLFETKRFGTESISKVSEQVKNVKLNEDKPKETKSEETLDEGPPKYT
KSVLKKGDKTNFPKKGDVVHCWYTGTLDGTVFDTNIQTSAKKKKNAKPLSFKVGVGKVIRGWDE
ALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPPNAKLTFEVELVDID

Application Note

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