★KBP3 : FKBP prolyl isomerase 3 The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis–trans prolyl isomerase 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. [provided by RefSeq, Sep 2008] featureType intergenic effect G2 addit inter 2000 4000 -2000В 3590 3600 3610 3630 4950 5000 5050 3620 4900 C BP05 BP31 BP31 BP04 BP16 BP49 BP46

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