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PURB, 1-312aa, Human, His tag, E.coli

产品货号: TP03605

第三版

**别名:**Transcriptional activator protein Pur-beta, Purine-rich element binding protein B, PURBETA

**描述:**PURB is a sequence-specific, single-stranded DNA-binding protein. It binds preferentially to the single strand of the purine-rich element termed PUR, which is present at origins of replication and in gene flanking regions in a variety of eukaryotes from yeasts through humans. Thus, it is implicated in the control of both DNA replication and transcription. Deletion of this gene has been associated with myelodysplastic syndrome and acute myelogenous leukemia. Recombinant human PURB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

**分子量:**35.6kDa (335aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMADGDSGSEGGGGPCGFQPASRGGGEQETQELASKRLDIQNKRFLDVKQNA  
KGRFLKIAEVGAGGSKSRLTSMVAAEFRDSLGFIEHYAQLGPSSPEQLAAGAEEGGPRRALKSEFLVRENKYYLDLK  
ENQRGRFLRIRQTVNRGGGGFGAGPGGLQSGQTIALPAQGLIEFRDALAKLIDDYGGEDDELGGPGGGAGGPGGGL  
YGELPEGTSITVDSKRFFFDVGCNKYGVFLRVSEVKPSYRNAITVPFKAWGKFGGAFCRYADEMKEIQRQRDKLYERRGG  
GSGGGESEGEVDED

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.