

Product datasheet for **AR51506PU-N**

PURB (1-312, His-tag) Human Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | PURB (1-312, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMADGDSG SERGGGGGPC GFQPASRGGG EQETQELASK RLDIQNKRKY LDVKQNAKGR FLKIAEVGAG GSKSRLTLSM AVAAEFRDSL GDFIEHYAQL GPSSPEQLAA GAEEGGGPRR ALKSEFLVRE NRKYLDLKE NQRGRFLRIR QTVNRGGGGF GAGPGPGGLQ SGQTIALPAQ GLIEFRDALA KLIDDYGGED DELAGGPGGG AGGPGGGGLY ELPEGTSITV DSKRFFFDVG CNKYGVFLRV SEVKPSYRNA ITVPFKAWGK FGGAFCRYAD EMKEIQRQR DKLYERRGGG SGGGEESEGE EVDED |
| Tag: | His-tag |
| Predicted MW: | 35.6 kDa |
| Concentration: | lot specific |
| Purity: | >95% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human PURB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_150093 |
| Locus ID: | 5814 |
| UniProt ID: | Q96QR8 |
| Cytogenetics: | 7p13 |



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Synonyms: PURBETA

Summary: This gene product 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. [provided by RefSeq, Jul 2008]

Product images:

