

## Product datasheet for **AR51506PU-S**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	PURB (1-312, His-tag) human recombinant protein, 0.1 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:	<a href="#">NP_150093</a>
Locus ID:	5814
UniProt ID:	<a href="#">Q96QR8</a>
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:**

