

## Purine-Rich Element Binding Protein B Human Recombinant

<b>Item Number</b>	rAP-4165
<b>Synonyms</b>	Transcriptional activator protein Pur-beta, Purine-rich element-binding protein B, PURB, PURBETA.
<b>Description</b>	PURB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 335 amino acids (1-312) and having a molecular mass of 35.6 kDa. PURB is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q96QR8
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMADGDSG SERGGGGGPC GFQPASRGGG EQETQELASK RLDIQNKRFY LDVKQNAKGR FLKIAEVGAG GSKSRLTISM AVAAEFRDSL GDFIEHYAQL GPSSPEQLAA GAEEGGGPRR ALKSEFLVRE NRKYLDLKE NQRGRFLRIR QTVNRGGGGF GAG- PGPGGLQ SGQTIALPAQ GLIEFRDALA KLIDYGGED DELAGGPGGG AGGPGGGLYG ELPEGTSITV DSKRFFFDVG CNKYGVFLRV SEVKPSYRNA ITVPFKAWGK FGGAFCRYAD EMKEIQERQR DKLYERRGGG SGGGEESEGE EVDED.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The PURB solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**