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32-4543: Recombinant Human Purine-Rich Element Binding Protein B

Alternative Name : Transcriptional activator protein Pur-beta,Purine-rich element-binding protein B,PURB,PURBETA.

Description

Source : E.coli. 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. Purine-Rich Element Binding Protein B (PURB) is a single-stranded DNA-binding protein which takes part in the dendritic transport of a subset of mRNAs. PURB operates as repressor in myoblasts and fibroblasts in the control of vascular smooth muscle alpha-actin gene transcription. PURB 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 various eukaryotes from yeasts through humans.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The PURB solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMADGDSG SERGGGGGPC GFQPASRGGG EQETQELASK RLDIQNKRFY LDVKQNAKGR FLKIAEVGAG GSKSRLTLSM AVAAEFRDSL GDFIEHYAQL GPSSPEQLAA GAEEGGGPRR ALKSEFLVRE NRKYYLDLKE NQRGRFLRIR QTVNRGGGGF GAGPGPGGLQ SGQTIALPAQ GLIEFRDALA KLIDDYGGED DELAGGPGGG AGGPGGGLYG ELPEGTSITV DSKRFFFDVG CNKYGVFLRV SEVKPSYRNA ITVPFKAWGK FGGAFCRYAD EMKEIQERQR DKLYERRGGG SGGGEESEGE EVDED.

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