9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PURB Human

Purine-Rich Element Binding Protein B Human Recombinant
RCP1742

Product Overview

Name	PURB Human

Description

Purine-Rich Element Binding Protein B Human Recombinant

Accession (Primary)	Q96QR8

Synonyms

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

Introduction

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.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The PURB solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

Stability

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.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MADGDSG 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

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ITVPFKAWGK FGGAFCRYAD EMKEIQERQR DKLYERRGGG SGGGEESEGE EVDED.

Precautions

PURB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96QR8)