

## 32-4463: Recombinant Human PBX/Knotted 1 Homeobox 1

**Alternative Name :** pknox1c,PREP1,Homeobox protein PKNOX1,Homeobox protein PREP-1,PBX/knotted homeobox 1,PKNOX1.

### Description

Source : Escherichia Coli. PKNOX1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 456 amino acids (1-436 a.a) and having a molecular mass of 49.7kDa. PKNOX1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PBX/Knotted 1 Homeobox 1 (PKNOX1) is a DNA-binding factor which takes part in the regulation of the transcriptional activity of AP-1 containing promoters. PKNOX1, which is also known as UEF3, PRP-1 and p64, is a Homeobox protein. PKNOX1 forms stable complexes containing PBX proteins which synergize with AP-1 binding factors in order to amplify transcription of the urokinase gene.

### Product Info

**Amount :** 5 µg  
**Purification :** Greater than 80.0% as determined by SDS-PAGE.  
**Content :** PKNOX1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.  
**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 SSSLVPRGSH MMATQTLSD SYQDQQMQV VTELKTEQDP NCSEPDAEGV  
SPPPVESQTP MDVDKQAIYR HPLFPLLALL FEKCEQSTQG SEGTTASAFD VDIENFVRKQ EKEGKPFCE  
DPETDNLNVK AIQVLRHLL ELEKVNELCK DFCSRYIACL KTKMNSSETLL SGEPGSPYSP VQSQQIQSAI  
TGTISPQGIV VPASALQGN VAMATVAGGT VYQPVTVVTP QGQVVTQTL S PGTIRIQNSQ LQLQLNQDLS  
ILHQDDGSSK NKRGVLPKHA TNVMRSWLFQ HIGHPYPTED EKKQIAAQTN LTLQVNNWF INARRRILQP  
MLDSSCSETP KTKKKTAQNR PVQRFWPDSI ASGVAQPPPS ELTMSEGAVV TITTPVNMNV DSLQSLSSDG  
ATLAVQQVMM AGQSEDESVD STEEDAGALA PAHISGLVLE NSDSLQ.

