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

Alternative Name : pkonx1c,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 Hmeobox 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 SSGLVPRGSH MMATQTLSID SYQDGQQMQV VTELKTEQDP NCSEPDAEGV SPPPVESQTP MDVDKQAIYR HPLFPLLALL FEKCEQSTQG SEGTTSASFD VDIENFVRKQ EKEGKPFFCE DPETDNLMVK AIQVLRIHLL ELEKVNELCK DFCSRYIACL KTKMNSETLL SGEPGSPYSP VQSQQIQSAI TGTISPQGIV VPASALQQGN VAMATVAGGT VYQPVTVVTP QGQVVTQTLS PGTIRIQNSQ LQLQLNQDLS ILHQDDGSSK NKRGVLPKHA TNVMRSWLFQ HIGHPYPTED EKKQIAAQTN LTLLQVNNWF INARRRILQP MLDSSCSETP KTKKKTAQNR PVQRFWPDSI ASGVAQPPPS ELTMSEGAVV TITTPVNMNV DSLQSLSSDG ATLAVQQVMM AGQSEDESVD STEEDAGALA PAHISGLVLE NSDSLQ.

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