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PKNOX1 Human

PBX/Knotted 1 Homeobox 1 Human Recombinant
RCP1661

Product Overview

Name	PKNOX1 Human
Description	
PBX/Knotted 1 Homeobox 1 Human Recombinant	
Accession (Primary)	P55347
Synonyms	
pkonx1c, PREP1, Homeobox protein PKNOX1, Homeobox protein PREP-1, PBX/knotted homeobox 1, PKNOX1.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
PKNOX1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.	
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 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
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.

Precautions

PKNOX1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P55347)