

# Human PKNOX1 Recombinant Protein



RPPB4255

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## Product Information    Protein Information

**Product SKU:**

RPPB4255

**Accession:**

P55347

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

pknox1c, PREP1, Homeobox protein PKNOX1, Homeobox protein PREP-1, PBX/knotted homeobox 1, PKNOX1.

**Formulation:**

PKNOX1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.

**Purity:**

Greater than 80.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MMATQTLSD SYQDGQQMQV VTELKTEQDP NCSEPDAEGV SPPPVESQTP  
MDVDKQAIYR HPLFPLLALL FEKCEQSTQG SEGTTASAFD VDIENFVRKQ EKEGKPFCE DPETDNLMVK  
AIQVLRHLL ELEKVNELCK DFCSRYIACL KTKMNSETLL SGEPGSPYSP VQSQQISAI TGTISPOGIV  
VPASALQQGN VAMATVAGGT VYQPVTVVTP QGQVVTQTLS PGTIRIQNSQ LQLQLNQDLS ILHQDDGSSK  
NKRGVLPKHA TNVMRSWLFQ HIGHPYPTED EKKQIAAQTN LTLQVNNWF INARRRILQP MLDSSCSETP  
KTKKKTAQNR PVQRFWPDSI ASGVAQPPPS ELTMSEGAVV TITTPVNMNV DSLQSLSSDG ATLAVQQVMM  
AGQSEDESVD STEEDAGALA PAHISGLVLE NSDSLQ.