

Hematopoietically Expressed Homeobox Human Recombinant

Item Number	rAP-3468
Synonyms	Hematopoietically Expressed Homeobox, Hematopoietically-Expressed Homeobox Protein HHEX, Homeobox Hematopoietically Expressed, Proline-Rich Homeodomain-Containing Transcription Factor, Homeobox Protein PRH, Homeobox Protein HEX, HOX11L-PEN, PRHX, HMPH, PR
Description	HHEX Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 293 amino acids (1-270) and having a molecular mass of 32.0kDa.HHEX is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q03014
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMQYHPHG PAAGAVGVPL YAPTPLLQPA HPTPFYIEDI LGRGPAAPTP APTLPSPNSS FTSLVSPYRT PVYEPTPIHP AFSHHSAAAL AAAYGPGGFG GPLYPFPRTV NDYTHALLRH DPLGKPLLWS PFLQRPLHKR KGGQVRFSND QTIELEKKFE TQKYL- SPPER KRLAKMLQLS ERQVKTWFQN RRAKWRRLLKQ ENPQSNKKEE LESLDSSCDQ RQDLPSEQNK GASLDSSQCS PSPASQEDLE SEISEDSDQE VDIEGDKSYF NAG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The HHEX solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 40% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**