

## Homeobox A9 Human Recombinant

<b>Item Number</b>	rAP-3473
<b>Synonyms</b>	Homeobox A9, HOX1G, Homeobox Protein Hox-1G, Homeodomain Protein HOXA9, Homeobox Protein Hox-A9, Homeo Box A9, HOX1.7, ABD-B, HOX1, HOXA9.
<b>Description</b>	HOXA9 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 295 amino acids (1-272) and having a molecular mass of 32.6 kDa. HOXA9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P31269
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMATTGAL GNYYVDSFLL GADAADELSV GRYAPGTLGQ PPRQAATLAE HPDFSPCSFQ SKATVFGASW NPVHAAGANA VPAAVYHHHH HHPYVHPQAP VAAAAPDGRY MRSWLEPTPG ALSFAGLPSS RPYGIKPEPL SARRGDCPTL DHTLSLTDY AC- GSPPVDRE KQPSEGA FSE NNAENESGGD KPPIDPNNPA ANWLHARSTR KKRCPTYKHQ TLELE- KEFLF NMYLTRDRRY EVARLLNLTE RQVKIWFQNR RMKMKKINKD RAKDE.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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). Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	The HOXA9 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**