

High Mobility Group AT-Hook 1 Human Recombinant

Item Number	rAP-3451
Synonyms	High mobility group protein HMG-I/HMG-Y, HMG-I(Y), High mobility group AT-hook protein 1, High mobility group protein A1, High mobility group protein R , HMGA1, HMG1Y, HMG-R, HMGA1A.
Description	HMGA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 115 amino acids (1-107 a.a.) and having a molecular mass of 12.7kDa (Molecular weight on SDS-PAGE will appear higher).HMGA1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary
Uniprot Accession Number	P17096
Amino Acid Sequence	MSESSSKSSQ PLASKQEKDG TEKRGRGRPR KQPPVSPGTA LVGSQKEPSE VPTPKRPRGR PKG-SKNKGAA KTRKTTTTTPG RKPRGRPKKL EKEEEEGISQ ESSEEEQLEH HHHHH.
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	HMGA1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.2M NaCl. Greater than 90.0% 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**