

## H3 Histone Family 3A Human Recombinant

<b>Item Number</b>	rAP-3947
<b>Synonyms</b>	RP11-396C23.1, H3.3A, H3F3, Histone H3.3, H3 Histone, Family 3A.
<b>Description</b>	H3F3A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 159 amino acids (1-136 a.a) and having a molecular mass of 17.7kDa.H3F3A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P84243
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMARTKQT ARKSTGGKAP RKQLATKAAR KSAPSTGGVK KPHRYRPGTV ALREIRRYQK STELLIRKLP FQRLVREIAQ DFKTDLRFQS AAIGALQEAS EAYLVGLFED TNLCAIHA KR VTIMPKDIQL ARRIRGERA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	H3F3A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90.0% 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**