

High Mobility Group AT-Hook 2 Human Recombinant

Item Number	rAP-3445
Synonyms	High Mobility Group AT-Hook 2, HMGIC, High-Mobility Group (Nonhistone Chromosomal) Protein Isoform I-C, High Mobility Group AT-Hook Protein, BABL, HMGI-C, LIPO, STQTL9, High Mobility Group Protein HMGI-C,
Description	HMGA2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 117 amino acids (1-109 a.a) and having a molecular mass of 12.8kDa. HMGA2 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P52926
Amino Acid Sequence	MSARGEAGGQ PSTAQGQPA APAPQKRG RG RPRKQQQEPT GEPSPKRPRG RPKGSKNKSP SKAAQKKA EA TGEKRP RGRP RKWPQQVVQK KPAQEETEET SSQESAEEDL EHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	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). Avoid multiple freeze-thaw cycles.
Formulation and Purity	HMGA2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 250mM Imidazole. Greater than 80.0% 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 end users! This product is sold for **Research Use Only**