

## High-Mobility Group Box 3 Human Recombinant

<b>Item Number</b>	rAP-3446
<b>Synonyms</b>	High Mobility Group Box 3, High-Mobility Group (Nonhistone Chromosomal) Protein 4, Non-Histone Chromosomal Protein, High Mobility Group Protein B3, High Mobility Group Protein 4, HMG-2a, HMG-4.
<b>Description</b>	HMGB3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (1-180) and having a molecular mass of 22.8kDa. HMGB3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	O15347
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAKGDPK KPKGKMSAYA FFVQTCREEH KKKNPEVPVN FAEFSKKCSE RWKTMSGKEK SKFDEMAKAD KVRYDREMKD YGPAKGGKKK KDPNAPKRPP SGFFLFCSEF RPKIKSTNPG ISIGDVAKKL GEMWNNLNDs EKQPYITKAA KLKEKYEKDV ADYK-SKGKFD GAKGPAKVAR KKV.
<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>	The HMGB3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. Greater than 85% 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 end users! This product is sold for **Research Use Only**