

High-Mobility Group Box 3 Human Recombinant

Item Number	rAP-3446
Synonyms	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.
Description	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.
Uniprot Accession Number	O15347
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMAGDPK KPKGKMSAYA FFVQTCREEH KKKNPEVPVN FAEFSKKCSE RWKTMSGKEK SKFDEMAKAD KVRDREMMD YGPAKGKKKK KDPNAPKRPP SGFFLFCSEF RPKIKSTNPG ISIGDVAKKL GEMWNNLNDK EKQPYITKAA KLKEYEKDV ADYK- SKGKFD GAKGPAKVAR KKV.
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	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.
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**