

## 32-3975: HMGB3 Recombinant Protein

**Alternative Name :** 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

Source : Escherichia Coli. 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. HMGB3 is a member of the high mobility group (HMG) protein superfamily. HMGB3 holds DNA-binding HMG box domains, as do HMG1 and HMG2, and like the rest of the HMG protein superfamily members has a vital part in DNA replication, transcription and nucleosome assembly.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The HMGB3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMAGDPK KPKGKMSAYA FFVQTCREEH KKKNPEVPVN  
FAEFSKKCSE RWKTMSGKEK SKFDEMAKAD KVRDREMKD YGPAKGGKKK KDPNAPKRPP SGFFLCSEF  
RPKIKSTNPG ISIGDVAKKL GEMWNNLNDS EKQPYITKAA KLKEYEKDV ADYKSGKFD GAKGPAKVAR  
KKV.

