

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 SGLVPRGSH MGSMAGDPAK KPKGKMSAYA FFVQTCREEH KKKNPPEVPVN
FAEFSKKCSE RWKTMGKKEK SKFDEMAKAD KVRDREMMD YGPAKGGKKK KDPNAPKRPP
SGFFLFCSEF RPKIKSTNPG ISIGDVAKKL GEMWNNLNDS EKQPYITKAA KLKEYEKDV
ADYKSKGKFD GAKGPAKVAR KKV.

