

# Human HMGB1 Recombinant Protein



RPPB3697

---

## Product Information    Protein Information

**Product SKU:**

RPPB3697

**Accession:**

P09429

**Host:**

Escherichia Coli.

**Protein description:**

HMG1 Human Recombinant fused with 6X His tag produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 223 amino acids and having a molecular mass of 26 kDa. The HMGB-1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

HMG1, HMG3, SBP-1, Amphoterin, HMGB1, High-Mobility Group Box 1.

**Formulation:**

The HMG1 (1mg/ml) was lyophilized after extensive dialyses against 1x PBS pH-7.4.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized HMGB1 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized HMGB1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution HMGB1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MGKGDPPKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERW  
KTMSAKEKGFEDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPKRPPS  
AFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKKAALK  
EKYEKDIAAYRAKGPDAAKKGVVKAESKKKKEEEDEEEDDEEEDDEEEDDEEEDDEEEDDEEEDDDDELEHHHHHHH