

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 H₂O 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
KTMSAKEKGKFEDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPKRPPS
AFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKKAALK
EKYEKDIAAYRAKGKPDAAKKGVVKAESKKKKKEEEDEEEDDEEEDDEED EDEEDDDDELEHHHHHHH