



Recombinant Human HMGB1 Protein Product Manual

1. Product Basic Information

Product No.: REP07120

Protein Name: Sulfoglucuronyl Carbohydrate Binding Protein (HMGB1)

Aliases: HMG1; HMG3; HMG-SBP-Amphoterin; Sulfoglucuronyl carbohydrate binding protein

UniProt ID: P09429

UniProt Link: <https://www.uniprot.org/uniprotkb/P09429/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (8-179aa)

Molecular Weight: 47.2 kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (8-179aa)

KPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFE
DMAKADKARYEREMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYRPKIKGEH
PGLSIGDVAKKLGEMWNNTAADDKQPYEKKAALKKEYEKDIAAYRAKGKPDAAKK
GVVKA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause

5. Product Description

This product is a recombinant Human HMGB1 partial protein (8-179aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. HMGB1, also known as HMG1 or HMG3 or HMG-SBP-Amphoterin, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.