



Recombinant Bovine BSA Protein Product Manual

1. Product Basic Information

Product No.: REP06272

Protein Name: Serum Albumin (BSA)

Aliases: ALB; Serum albumin; BSA; allergen Bos d 6

UniProt ID: P02769

UniProt Link: <https://www.uniprot.org/uniprotkb/P02769/entry>

Species Source: Bos taurus (Bovine)

Expression System: Baculovirus

Protein Length: Full Length of Mature Protein (25-607aa)

Molecular Weight: 67.7 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (25-607aa)

DTHKSEIAHRFKDLGEEHFKGLVLIAFSQYLQQCPFDEHVKLVNELTEFAKTCVADE
SHAGCEKSLHTLFGDELCKVASLRETYGDMADCCEKQEPERNECFLSHKDDSPDL
PKLKPDPTLCDEFKADEKKFWGKYLEIARRHPYFYAPELLYYANKYNGVFQECC
QAEDKGACLLPKIETMREKVLASSARQRLRCASIQKFGERALKAWSVARLSQKFPK
AEFVEVTKLVTDLT KVHKECCHGDLLECADDRADLAKYICDNQDTISSKLKECCDKP
LLEKSHCIAEVEKDAIPENLPPLTADFAEDKDVCKNYQEAKDAFLGSFLYEYSRRHP
EYAVSVLLRLAKEYEATLEECCA KDDPHACYSTVFDKLKHLVDEPQNLIKQNC DQFE
KLGEYGFQNALIVRYTRKVPQVSTPTLVEVSRSLGKVGTRCCTKPESERMPCTEDY
LSLILNRLCVLHEKTPVSEKVT KCCTESLVNRRPCFSALTPDETYVPKAFDEKLFTFH
ADICTLPDTEKQIKKQTALVELLKHKPKATEEQ LKTVMENFVAFVDKCCAADDKEAC
FAVEGPKLVVSTQTALA

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

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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant Bovine BSA full length of mature protein protein (25-607aa) expressed in Baculovirus. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. BSA, also known as ALB or Serum albumin or BSA, 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.