



Recombinant Crab-eating macaque ALB Protein Product Manual

1. Product Basic Information

Product No.: REP06103

Protein Name: Serum Albumin (ALB)

Aliases: HSA; FDAHT; PRO0883; PRO0903; PRO1341; albumin; serum albumin

UniProt ID: P02768

UniProt Link: <https://www.uniprot.org/uniprotkb/P02768/entry>

Species Source: Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (25-608aa)

Molecular Weight: 82.0kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (25-608aa)

DTHKSEVAHRFKDLGEEHFKGLVLVAFSQYLQQCPFEEHVKLVNEVTEFAKTCVAD
ESAENCCKSLHTLFGDKLCTVATLRETYGEMADCCAKQEPERNECFLQHKDDNPN
LPPLVRPEVDVMCTAFHDNEATFLKKYLYEVARRHPYFYAPELLFFAARYKAAFAEC
CQAADKAACLLPKLDELDEGKASSAKQRLKCASLQKFGDRAFKAWAVARLSQKF
PKAEFAEVSKLVTDLT KVHTECCHGDLLECADDRADLAKYMCENQDSISSKLKECC
DKPLLEKSHCLAEVENDEMPADLPSLAADYVESKDVCKNYAEAKDVFLGMFLYEYA
RRHPDYSVMLLLRLAKAYEATLEKCCAAADPHECYAKVFDEFQPLVEEPQNLVKQN
CELFEQLGEYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGAKCCKLPEAKRMP
CAEDYLSVVLNRLCVLHEKTPVSEKVTKCCTESLVNRRPCFSALELDEAYVPKAFNA
ETFTFHADMCTLSEKEKQVKKQTALVELVKHKPKATKEQLKGVMDNFAAFVEKCCK
ADDKEACFAEEGPKFVAASQAALA

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)

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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant Crab-eating macaque ALB full length of mature protein protein (25-608aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. ALB, also known as HSA or FDAHT or PRO0883, 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.