

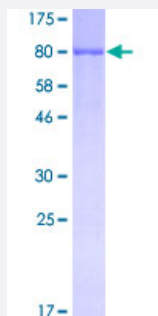
Full-Length

ALB (Human) Recombinant Protein (P01)

Catalog # H00000213-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ALB full-length ORF (AAH34023, 19 a.a. - 609 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

RGVFRDDAHKSEVAHRFKDLGEENFKALVLIAFAQYLQQCPFEDHVKLVNEVTEFAKTCVADES
AENCDKSLHTLFGDKLCTVATLRETYGEMADCCAKQEPERNECFLQHKDDNPRLPRLVRPEVD
VMCTAFHDNEETFLKKYLYEARRHPYFYAPELLFFAKRYKAAFTECCQAADKAACLLPKLDELRD
EGKASSAKQRLKCASLQKFGERAFAKAWAVARLSQRFPAEFAEVSKLVTDLTKEVHTECCHGDL
LECADDRADLAKYICENQDSISSKLKECCEKPLEKSHCIAEVENDEMPADLPSLAADFVESKDV
CKNYAEAKDVFLGMFLYEYARRHPDYSVLLLRALAKTYETTLKCCAAADPHECYAKVFDEFKPL
VEEPQNLKQNCLEFEQLGEYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGSKCKKHPEAKR
MPCAEDYLSVVLNQLCVLHEKTPVSDRVTKCCTESLVNRRPCFSALEVDETYVPKEFNAETFTF
HADICTLSEKERQIKKQTALVELVKHKPKATKEQLKAVMDDFAAFVEKCKADDKETCFAEGGK
KLVAASQAALGL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.75

Interspecies Antigen Sequence

Mouse (72); Rat (74)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ALB

Entrez GeneID	213
GeneBank Accession#	BC034023
Protein Accession#	AAH34023
Gene Name	ALB
Gene Alias	DKFZp779N1935, PRO0883, PRO0903, PRO1341
Gene Description	albumin
Omim ID	103600 194470
Gene Ontology	Hyperlink
Gene Summary	Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. Albumin is synthesized in the liver as preproalbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin. [provided by RefSeq]
Other Designations	cell growth inhibiting protein 42 growth-inhibiting protein 20 serum albumin

Disease

- [Alzheimer disease](#)
- [Diabetes Mellitus](#)
- [Hepatitis](#)