

Recombinant Human Albumin, Animal Free, Antibiotics Free, Alexa Fluor 555 conjugated

Cat. No. LB-47HAF555 Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Albumin, Animal Free, Antibiotics Free, Alexa Fluor 555 conjugated
Species	Human
Source	Rice
Conjugation/Label	Alexa Fluor 555
Description	This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor.
Form	Sterile PBS, pH7.4
Molecular Mass	67 kDa
Purity	> 97% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 9.1 mg/mL by BCA

Labelling efficiency 0.9

GENE INFORMATION

Gene Name ALB albumin [Homo sapiens (human)]

Official Symbol ALB

Synonyms ALB; albumin; HSA; FDAHT; PRO0883; PRO0903; PRO1341; albumin; serum albumin; EC 6.1.1.16

Gene ID 213

mRNA Refseq NM_000477

Protein Refseq NP_000468

MIM 103600

UniProt ID P02768

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