

Product Information

Recombinant Anti-Human Serum Albumin Single Domain Antibody

Cat. No.: **MOM-18702**

This product is for research use only and is not intended for diagnostic use.

Antigen Description

Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca(2+), Na(+), K(+), fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.

Specific Activity

Tested positive against native human antigen.

Target

serum albumin

Immunogen

Human serum albumin purified from Cohn Fraction V.

Source

llama

Species Reactivity

Human

Type

llama VHH

Expression Host

E.coli

Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

ANTIGEN GENE INFORMATION

Gene Name

[ALB albumin \[Homo sapiens \]](#)

Official Symbol

ALB

Synonyms

ALB; albumin; serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42; PRO0883; PRO0903; PRO1341; DKFZp779N1935

Gene ID

[213](#)

mRNA Refseq

[NM_000477](#)

Protein Refseq

[NP_000468](#)

UniProt ID

P02768

Chromosome Location

4q13.3

Pathway

Bile acid and bile salt metabolism, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Hemostasis, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem.

Function

DNA binding; antioxidant activity; cell surface binding; chaperone binding; copper ion binding; drug binding; drug binding; enzyme binding; fatty acid binding; fatty acid binding; metal ion binding; contributes_to oxygen binding; protein binding; pyridoxal phosphate binding; toxin binding; zinc ion binding;