

Datasheet for ABIN5624625

**Albumin Protein (ALB)****2** Images[Go to Product page](#)

## Overview

Quantity:	5 mg
Target:	Albumin (ALB)
Origin:	Human
Source:	Human
Protein Type:	Native

## Product Details

Purification:	This product was prepared from normal serum by a multi-step process which includes delipidation and selective precipitation followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Human Albumin and anti-Human Serum.
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## Target Details

Target:	Albumin (ALB)
Alternative Name:	ALBUMIN ( <a href="#">ALB Products</a> )
Pathways:	<a href="#">Lipid Metabolism</a>

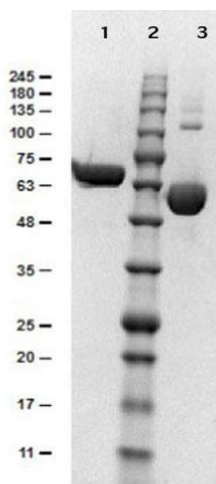
## Application Details

Restrictions:	For Research Use only
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## Handling

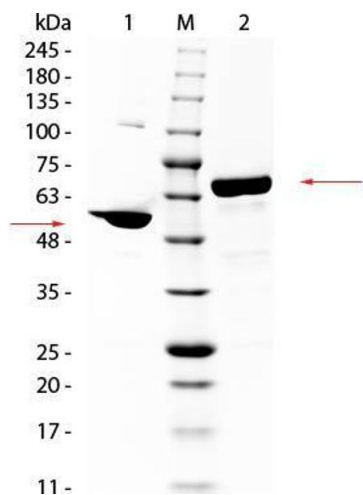
Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 500 µL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	11.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

## Images



### SDS-PAGE

**Image 1.** SDS-PAGE results of Human Albumin. Lane 1: reduced human albumin. Lane 2: opal prestained molecular weight ladder. Lane 3: non-reduced human albumin. Load: 1 µg. 4-20% Lonza SDS-PAGE; Coomassie Stained; BioRad ChemiDoc Imaged.



SDS-PAGE

**Image 2.** SDS PAGE of Human Albumin. Lane 1: Non-Reduced Human Albumin. Lane 2: 5  $\mu$ L Opal Prestained Marker . Lane 3: Reduced Human Albumin. Load: 1  $\mu$ g per lane. Predicted/Observed size: Non-Reduced at 63 kDa/Observed at 55 kDa; Reduced at 63 kDa. Non-reduced migrates farther on gel due to native albumin's capacity to bind ions, increasing its charge and ,therefore, ability to migrate farther down gel.