

Product datasheet for **RA110B**

Albumin Human Protein

Product data:

Product Type:	Native Proteins
Description:	Albumin human protein, 1 mg
Species:	Human
Protein Source:	Serum
Concentration:	lot specific
Purity:	This product was prepared from normal serum delipidation, a multi-stage process including selective precipitation.
Conjugation:	Biotin
Buffer:	State: Lyophilized purified Ig fraction. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 10 mg/ml Bovine Serum Albumin (BSA; IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Presentation Label: Biotin
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Preparation:	Lyophilized purified Ig fraction.
Applications:	Immunoblotting, ELISA, immunohistochemistry, Immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Human Albumin and anti-Human Serum.
Protein Description:	Biotin Conjugated Human Albumin.
Note:	Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Biotin/Protein Ratio: 10-20 BAC molecules per Human Albumin molecule.
Storage:	Store (undiluted) at 2-8°C prior to restoration. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.
Stability:	Shelf life: one year from despatch. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.



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RefSeq:	NP_000468
Locus ID:	213
Cytogenetics:	4q13.3
Synonyms:	FDAHT; HSA; PRO0883; PRO0903; PRO1341
Summary:	<p>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. [provided by RefSeq, Jul 2016]</p>
Protein Families:	Secreted Protein