

Datasheet for ABIN934773

RBP4 Protein**1** Publication[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RBP4
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Characteristics:	Purified native Human RBP protein (> 40 % pure) Protein Source: Urine of patients with chronic renal tubular proteinuria
Purity:	> 40 % pure

Target Details

Target:	RBP4
Alternative Name:	RBP (RBP4 Products)
Background:	Retinol-binding proteins are a family of proteins with diverse functions. They are carrier proteins that bind retinol. Assessment of retinol-binding protein is used to determine visceral protein mass in nutritional studies related to health. Description: Urine of patients with chronic renal tubular proteinuria. Alternative Names: Retinol Binding Protein
Molecular Weight:	21 kDa
Pathways:	Regulatory RNA Pathways , Positive Regulation of Peptide Hormone Secretion , Carbohydrate

Target Details

Homeostasis, Production of Molecular Mediator of Immune Response

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: 10 mM Tris buffer, pH 7.4, with 150 mM NaCl. No preservatives added.

Preservative: Without preservative

Precaution of Use: Donor samples were tested and found to be negative for HIV I/II, and HCV antibodies, and Hepatitis B surface antigen. Nonetheless caution should be used when handling this material as there is a margin of error in all tests. This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.

Publications

Product cited in: Sharif, Hu, Klock, Hampton, Nigoghossian, Knuth, Matzen, Anderson, Trager, Uno, Glynn, Azarian, Caldwell, Brinker: "Time-resolved fluorescence resonance energy transfer and surface plasmon resonance-based assays for retinoid and transthyretin binding to retinol-binding protein 4." in: **Analytical biochemistry**, Vol. 392, Issue 2, pp. 162-8, (2009) ([PubMed](#)).