

Recombinant Human Retinol-Binding Protein 4 Protein

Cat.NO.: TP04901

3th Edition

Synonyms:Retinol-Binding Protein 4; Plasma Retinol-Binding Protein; PRBP; RBP; RBP4

Description:Retinol Binding Protein 4 (RBP4) is a member of the Lipocalin family and in the blood. RBP4 is the specific vector for retinol. RBP4 is expressed and secreted by adipose tissue, and is associated with insulin resistance. RBP4 delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin to prevents its loss by filtration through the kidney glomeruli. Defects in RBP4 cause retinol-binding protein deficiency and can cause night vision problems.

Form:PBS

Molecular Weight:21.2 kDa

Sequences:Glu19-Leu201

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.