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32-1736: RBP4 His Recombinant Protein

Alternative Name : Retinol Binding Protein 4 plasma,RBP-4,RBP4,Plasma retinol-binding protein,PRBP,RBP.

Description

Source : Escherichia Coli. RBP-4 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 183 amino acids fragment (19-201) corresponding to the mature Retinol Binding Protein, having a total molecular mass of 25.57kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The RBP4 is purified by proprietary chromatographic techniques. Retinol binding protein 4(RBP4) belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. This protein was found to be expressed and secreted by adipose tissue, and was strongly associated with insulin resistance. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which prevents its loss by filtration through the kidney glomeruli.RBP4 delivers retinol from the liver to the peripheral tissues. In plasma, the rbp-retinol complex interacts with transthyretin, this prevents its loss by filtration through the kidney glomeruli.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	RBP4 protein solution is supplied in 10mM Tris, 50mM NaCl, 1mM EDTA and 50% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.