

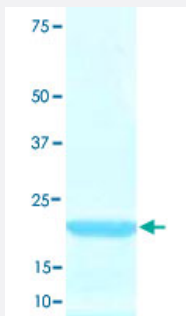
HuPro®

RBP4 (Human) Recombinant Protein

Catalog # P5124

Size 50 ug

Applications



Specification

Product Description	Human RBP4 (NP_006735.2, 19 a.a. - 201 a.a.) partial recombinant protein with His tag expressed in 293 cells.
Host	Human
Form	Liquid
Preparation Method	Mammalian cell (293) expression system
Concentration	1 ug/uL
Purity	>= 95% by SDS-PAGE
Quality Control Testing	SDS-PAGE Result
Storage Buffer	In PBS (25% glycerol, < 0.1% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — RBP4

Entrez GeneID	5950
GeneBank Accession#	NM_006744
Protein Accession#	NP_006735.2
Gene Name	RBP4
Gene Alias	-
Gene Description	retinol binding protein 4, plasma
Omim ID	180250
Gene Ontology	Hyperlink
Gene Summary	This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. 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. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells. [provided by RefSeq]
Other Designations	OTTHUMP00000020114 OTTHUMP00000020116 retinol-binding protein 4, interstitial retinol-binding protein 4, plasma

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)

- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Prediabetic State](#)