

RBP4 (Human) Recombinant Protein

Catalog # P9168

Size 20 ug

Specification

Product Description	Human RBP4 partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MERDCRVSSFRVKENFDKARFSGTWYAMAKKDPEGLFLQDNVAEFSVDETGGMSATAKGRVR LLNNWDVCADMVGTFDTEDPAKFVKMYWGVASFLQKGNDHWIVDTDYDTYAVQYSCRLLNL DGTCADSYSFVFSRDPNGLPPEAQKIVRQRQEELCLARQYRLVHNGYCDGRSERNLL
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	21
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 1X PBS, pH 7.4.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — RBP4

Entrez GeneID [5950](#)Protein Accession# [P02753](#)

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

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