

## Recombinant Human RBP4 Protein, MYC/DDK-tagged

Cat. No. RBP4-738H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human RBP4 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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, Jul 2008].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	21 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** retinol binding protein 4[ Homo sapiens ]

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Official Symbol	RBP4
Synonyms	MCOPCB10; RDCCAS
Gene ID	5950
mRNA Refseq	NM_001323517.1
Protein Refseq	NP_006735
UniProt ID	P02753

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