**Product Name: Recombinant Human RBP4**
**Catalog #: PEH1413**

## 概述（Summary）

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| **英文全称** | RBP4/Retinol-Binding Protein 4 |
| **纯度（Purity）** | Greater than 95% as determined by reducing SDS-PAGE |
| **内毒素（Endotoxin level）** | <1 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | Recombinant Human Retinol-Binding Protein 4 is produced by our E.coli expression system and the target gene encoding Glu19-Leu201 is expressed. |
| **Accession #** | P02753 |
| **蛋白标签（Tag）** | |
| **表达宿主（Host）** | E.coli |
| **种属（Species）** | Human |
| **预测分子量（Predicted MW）** | 21.2 KDa |
| **蛋白形态（Form）** | Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 10mM CaCl2, 150mM NaCl, pH 7.5 . |
| **储存缓冲液（Buffer）** | |
| **运输方式（Shipping）** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图（SDS-PAGE image）

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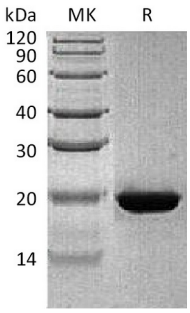


## 背景（Background）

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| **分子别名（Alternative Names）** | Retinol-Binding Protein 4; Plasma Retinol-Binding Protein; PRBP; RBP; RBP4 |
| **背景介绍（References）** | 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. |

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.