

## Recombinant Human RBP5 protein(Met1-Arg135), His-tagged

**Cat. No.** RBP5-381H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RBP5 (P82980) (Met1-Arg135) was expressed in E. coli, fused with a polyhistidine tag at the N-terminus.                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Arg135                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human RBP5 consists of 153 amino acids and predicts a molecular mass of 18.2 KDa. It migRates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.                                                            |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | RBP5 retinol binding protein 5, cellular [ Homo sapiens ]                                                                                                                                                                               |
| Official Symbol | RBP5                                                                                                                                                                                                                                    |
| Synonyms        | RBP5; retinol binding protein 5, cellular; retinol-binding protein 5; CRBPIII; HRBPiso; retinol-binding protein 5, cellular; cellular retinol-binding protein III; putative cellular retinol-binding protein CRBP III; CRBP3; CRBP-III; |
| Gene ID         | 83758                                                                                                                                                                                                                                   |
| mRNA Refseq     | NM_031491                                                                                                                                                                                                                               |
| Protein Refseq  | NP_113679                                                                                                                                                                                                                               |
| MIM             | 611866                                                                                                                                                                                                                                  |
| UniProt ID      | P82980                                                                                                                                                                                                                                  |

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