

Retinol Binding Protein-2 Human Recombinant

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| Item Number | rAP-2464 |
| Synonyms | CRABP-II, CRBP2, CRBP2, RBPC2, Retinol-binding protein 2, Cellular retinol-binding protein II, RBP2. |
| Description | RBP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 158 amino acids (1-134 a.a.) and having a molecular mass of 18kDa. RBP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P50120 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSMTTRDQN GTWEMESNEN FEGYMKALDI DFATRKiAVR LTQTKVIDQD GDNFKTKTTS TFRNYDVDFV VGVEFDEYTK SLDNRHVKAL VTWEGDVLVC VQKGEKENRG WKQWIEGDKL YLELTCGDQV CRQVFKKK. |
| Source | E.coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | RBP2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol. Greater than 95% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**