

Cellular Retinoic Acid binding Protein 1 Human Recombinant

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| Item Number | rAP-2988 |
| Synonyms | Cellular retinoic acid-binding protein 1, Cellular retinoic acid-binding protein I, CRABP-I, CRABP1, RBP5, CRABP, CRABPI. |
| Description | CRABP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 137 amino acids and having a molecular mass of 15.5kDa. The CRABP1 is purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | P29762 |
| Amino Acid Sequence | MPNFAGTWKM RSSENFDELL KALGVNAMLR KVAVAASKP HVEIRQDGQ FYIKTSTTVR TTEINFKVGE GFEEETVDGR KCRSLATWEN ENKIHCTQTL LEGDGPKTYW TRELANDELI LTFGAD-DVVC TRIYVRE. |
| Source | Escherichia 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 | The CRABP1 protein solution contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 95.0% 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 end users! This product is sold for **Research Use Only**