

Retinaldehyde Binding Protein 1 Human Recombinant

Item Number	rAP-4112
Synonyms	Retinaldehyde Binding Protein 1, Cellular Retinaldehyde-Binding Protein, CRALBP.
Description	RLBP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 340 amino acids (1-317) and having a molecular mass of 38.9 kDa. RLBP1 is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	P12271
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEGVGT FRMVPEEEQE LRAQLEQLTT KDHGPVFGPC SQLPRHTLQK AKDELNEREE TREEAVRELQ EMVQAQAASG EELAVAVAER VQEKDSGFFL RFIRARK- FNV GRAYELLRGY VNFRLQYPEL FDSLSPHAVR CTIEAGYPGV LSSRDYGRV VMLFNINWQ SQEITFDEIL QAYCFLEKL LENEETQING FCIIENFKGF TMQQAASLRT SDLRKMVDML QDSFPAFKA IHFIHQPWYF TTTYNVVKPF LKSKLLERVF VHGD DLSGFY QEIDENILPS DFGGTLPKYD GKAVAEQLFG PQAQAENTAF
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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 RLBP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% 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**