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DATA SHEET

Retinaldehyde Binding Protein 1 Human Recombinant, sf9

Item Number	rAP-4314
Synonyms	Retinaldehyde-binding protein 1, Cellular retinaldehyde-binding protein, RLBP1, CRALBP.
Description	RLBP1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 326 amino acids (1-317) and having a molecular mass of 37.5kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).RLBP1 is fused to 6 amino acid His-Tag at C-terminus and
Uniprot Accesion Number	P12271
Amino Acid Sequence	ADPMSEGVGT FRMVPEEEQE LRAQLEQLTT KDHGPVFGPC SQLPRHTLQK AKDELNEREE TREEA-VRELQ EMVQAQAASG EELAVAVAER VQEKDSGFFL RFIRARKFNV GRAYELLRGY VNFRLQYPEL FDSLSPEAVR CTIEAGYPGV LSSRDKYGRV VMLFNIENWQ SQEITFDEIL QAYCFILEKL LENEETQING FCIIENFKGF TMQQAASLRT SDLRKMVDML QDSFPARFKA IHFIHQPWYF TTTYNVVKPF LKSKLLERVF VHGDDLSGFY QEIDENILPS DFGGTLPKYD GKAVAEQLFG PQAQAENTAF HHHHHH.
Source	Sf9, Baculovirus cells.
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	RLBP1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 20% glycerol. Greater than 90.0% as determined by analysis 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