ANGIO-PROTEOMIE
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DATA SHEET

Retinol Binding Protein-5 Human Recombinant

Item Number	rAP-2463
Synonyms	Retinol-binding protein 5, Cellular retinol-binding protein III, CRBP-III, HRBPiso, RBP5, CRBP3, CRBPIII.
Description	RBP5 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 155 amino acids (1-135 a.a.) and having a molecular mass of 18.1kDa. The RBP5 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P82980
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPPNLTGYYR FVSQKNMEDY LQALNISLAV RKIALLLKPD KEI-EHQGNHM TVRTLSTFRN YTVQFDVGVE FEEDLRSVDG RKCQTIVTWE EEHLVCVQKG EVPNRGWRHW LEGEMLYLEL TARDAVCEQV FRKVR.
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 RBP5 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT and 100mM NaCl. 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 ender users! This product is sold for Research Use Only