

Retinol Binding Protein-7 Human Recombinant

Item Number	rAP-2459
Synonyms	Retinoid-binding protein 7, Cellular retinoic acid-binding protein 4, CRABP4, CRBP4, Cellular retinoic acid-binding protein IV, CRABP-IV, RBP7, MGC70641.
Description	RBP7 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 154 amino acids (1-134 a.a.) and having a molecular mass of 17.6kDa. The RBP7 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96R05
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPADLSGTWT LLSSDNFEGY MLALGIDFAT RKIAKLLKPQ KVIEQNG- DSF TIHTNSSLRN YFVKFKVGE E FDEDNRGLDN RKCKSLVIWD NDRLTCIQKG EKKNRGWTHW IE- GDKLHLEM FCEGQVCKQT FQRA.
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 RBP7 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT and 20% glycerol. Greater than 90.0% 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**