9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RBP1 Human

Retinol Binding Protein-1 Human Recombinant
GRF0360

Product Overview

Name	RBP1 Human
Description	
Retinol Binding Protein-1 Human Recombinant	
Accession (Primary)	P09455
Synonyms	
Retinol binding protein 1 cellular, CRBP, CRBP1, CRABP-I, RBPC.	
Introduction	
RBP1 is a member of the calycin superfamily and fatty-acid binding protein (FABP) family. RBP1 is the carrier protein which takes part in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Additionally, RBP1 performs as a bridging molecule to recruit histone deacetylases (HDACs) which is a forceful regulator of gene expression. RBP1 is found in almost all the tissues with higher expression in pancreas, adrenal gland and pituitary gland, fetal liver and adult ovary.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RBP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 200mM NaCl, 2mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MDPPAGF VRAGNPAVAA PQSPLSPEGA HFRAAHHPRS TGSRCPGSLQ PSRPLVANWL QSLPEMPVDF TGYWKMLVNE NFEEYLRALD VNVALRKIAN LLKPDKEIVQ DGDHMIIRTL STFRNYIMDF QVGKEFEEDL TGIDDRKCMT TVSWDGDKLQ CVQKGEKEGR GWTQWIEGDE LHLEMRVEGV	

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Precautions

RBP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P09455)