Full-Length

RBP2 (Human) Recombinant Protein

Catalog # P9166 Size 20 ug

Specification

Product Description	Human RBP2 full-length recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMTRDQNGTWEMESNENFEGYMKALDIDFATRKIAVRLTQ TKVIDQDGDNFKTKTTSTFRNYDVDFTVGVEFDEYTKSLDNRHVKALVTWEGDVLVCVQKGEKE NRGWKQWIEGDKLYLELTCGDQVCRQVFKKK
Host	Escherichia coli
Theoretical MW (kDa)	18
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.1 M NaCl.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — RBP2

Entrez GeneID	5948

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Protein Accession#	P50120
Gene Name	RBP2
Gene Alias	CRABP-II, CRBP2, CRBPII, RBPC2
Gene Description	retinol binding protein 2, cellular
Omim ID	180280
Gene Ontology	Hyperlink
Gene Summary	RBP2 is an abundant protein present in the small intestinal epithelium. It is thought to participate in the uptake and/or intracellular metabolism of vitamin A. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. RBP2 may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle. [provided by RefSeq
Other Designations	retinol-binding protein 2, cellular

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