Full-Length

RBP7 (Human) Recombinant Protein

Catalog # P9172 Size 20 ug

Specification

Product Description	Human RBP7 full-length recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMPADLSGTWTLLSSDNFEGYMLALGIDFATRKIAKLLKPQKVIEQ NGDSFTIHTNSSLRNYFVKFKVGEEFDEDNRGLDNRKCKSLVWDNDRLTCIQKGEKKNRGWTH WIEGDKLHLEMFCEGQVCKQTFQRA
Host	Escherichia coli
Theoretical MW (kDa)	17.6
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 20% glycerol, 0.2 M NaCl., 2 mM DTT.
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 — RBP7

Entrez GeneID	116362

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Protein Accession#	Q96R05
Gene Name	RBP7
Gene Alias	CRBP4, CRBPIV, MGC70641
Gene Description	retinol binding protein 7, cellular
Omim ID	608604
Gene Ontology	Hyperlink
Gene Summary	Due to its chemical instability and low solubility in aqueous solution, vitamin A requires cellular retinol-binding proteins (CRBPs), such as RBP7, for stability, internalization, intercellular transfer, homeostasis, and metabolism.[supplied by OMIM
Other Designations	OTTHUMP00000001729|putative cellular retinol-binding protein CRBP IV|retinoid binding protein 7

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