

Recombinant Full Length Human RBP1 Protein

Cat. No. RBP1-431HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RBP1 with N-terminal proprietary tag. Mol Wt 40.92 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
Protein Length	135 amino acids
Description	This gene encodes the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	40.920kDa inclusive of tags
AA Sequence	MPVDFTGYWKMLVNNENFEEYLRALDVNVALRKIANLLKPD KEIVQDGDHMIIRTLST FRNYIMDFQVGKEFEEDLTGIDD RKCMTTVSWDGDQLQCVQKGEKEGRGWTQWI EGDELHLEM RVEGVVCKQVFKKVQ
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
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GENE INFORMATION

Gene Name	RBP1 retinol binding protein 1, cellular [Homo sapiens]
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Official Symbol	RBP1
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Synonyms	RBP1; retinol binding protein 1, cellular; retinol-binding protein 1; CRABP I; CRBP; CRBP1; CRBPI; RBPC
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Gene ID	5947
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mRNA Refseq	NM_001130992
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Protein Refseq	NP_001124464
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MIM	180260
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UniProt ID	P09455
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