

Recombinant Human RBP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RBP1-830H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBP1 MS Standard C13 and N15-labeled recombinant protein (NP_002890) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	15.7 kDa
AA Sequence	MPVDFTGYWKMLVNENFEEYLRALDVNVALRKIANLLKPDKEIVQDGDHMIIRTLSTF RNYIMDFQVGKEFEEDLTGIDDRKCMTTVSWDGDQLQCVQKGEKEGRGWTQWIEG DELHLEMRVEGVVCKQVFKKVQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	RBP1 retinol binding protein 1 [Homo sapiens (human)]
Official Symbol	RBP1
Synonyms	RBP1; retinol binding protein 1, cellular; retinol-binding protein 1; CRABP I; CRBP; CRBP1; CRBPI; RBPC; CRBP-I; cellular retinol-binding protein I; retinol-binding protein 1, cellular; CRABP-I;
Gene ID	5947
mRNA Refseq	NM_002899
Protein Refseq	NP_002890
MIM	180260
UniProt ID	P09455

SDS-PAGE

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