

Product datasheet for PH314515

RBP1 (NM_002899) Human Mass Spec Standard

Product data:

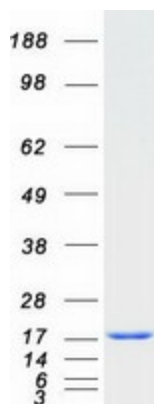
Product Type:	Mass Spec Standards
Description:	RBP1 MS Standard C13 and N15-labeled recombinant protein (NP_002890)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214515
Predicted MW:	15.7 kDa
Protein Sequence:	>RC214515 representing NM_002899 Red =Cloning site Green =Tags(s) MPVDFTGYWKMLVNFEEYLRALDVNVALRKIANLLKPDKEIVQGDHMIIRTLSTFRNYIMDFQVGKE FEEDLTGIDDRKCMTTVSWDGDKLQCVQKGEKEGRGWTQWIEGDELHLEMRVEGVVCKQVFKKVQ TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002890
RefSeq Size:	720
RefSeq ORF:	405
Synonyms:	CRABP-I; CRBP; CRBP1; CRBPI; RBPC
Locus ID:	5947
UniProt ID:	P09455 , A0A0A0MQT0
Cytogenetics:	3q23



[View online »](#)

Summary:

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. [provided by RefSeq, Aug 2008]

Product images:

Coomassie blue staining of purified RBP1 protein (Cat# [TP314515]). The protein was produced from HEK293T cells transfected with RBP1 cDNA clone (Cat# [RC214515]) using MegaTran 2.0 (Cat# [TT210002]).