

Product datasheet for PH300221

CRABP2 (NM_001878) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CRABP2 MS Standard C13 and N15-labeled recombinant protein (NP_001869)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200221
Predicted MW:	15.7 kDa
Protein Sequence:	>RC200221 protein sequence Red=Cloning site Green=Tags(s) MPNFSGNWKIIRSENFELLKVLGVNMLRKIAVAASKPAVEIKQEGDTFYIKTSTTVRTEINFKVGEEFEEQTVDGRPCKSLVKWESENKMVCEQKLLKGEKPKTSWTREL TNDGELIL TMTADDVVCTRVYVRE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_001869
RefSeq Size:	1088
RefSeq ORF:	414
Synonyms:	CRABP-II; RBP6
Locus ID:	1382
UniProt ID:	P29373
Cytogenetics:	1q23.1



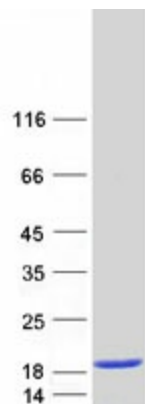
[View online »](#)

Summary:

This gene encodes a member of the retinoic acid (RA, a form of vitamin A) binding protein family and lipocalin/cytosolic fatty-acid binding protein family. The protein is a cytosol-to-nuclear shuttling protein, which facilitates RA binding to its cognate receptor complex and transfer to the nucleus. It is involved in the retinoid signaling pathway, and is associated with increased circulating low-density lipoprotein cholesterol. Alternatively spliced transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2010]

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Coomassie blue staining of purified CRABP2 protein (Cat# [TP300221]). The protein was produced from HEK293T cells transfected with CRABP2 cDNA clone (Cat# [RC200221]) using MegaTran 2.0 (Cat# [TT210002]).