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Product datasheet for PH302702

FABP4 (NM_001442) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FABP4 MS Standard C13 and N15-labeled recombinant protein (NP_001433)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202702
Predicted MW:	14.7 kDa
Protein Sequence:	>RC202702 representing NM_001442 Red=Cloning site Green=Tags(s) MCDAFVGTWKLVSSENFDDYMKEVGVGFATRKVAGMAKPNMIISVNGDVITIKSESTFKNTEISFILGQE FDEVTADDRKVKSTITLDGGVLVHVQKWDGKSTTIKRKREDDKLVVECVMKGVTSTRVYERA 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_001433
RefSeq Size:	619
RefSeq ORF:	396
Synonyms:	A-FABP; AFABP; ALBP; aP2; HEL-S-104
Locus ID:	2167
UniProt ID:	P15090, E7DVW4
Cytogenetics:	8q21.13

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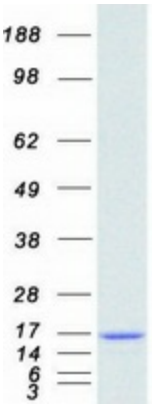
Summary: FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: PPAR signaling pathway

Product images:



Coomassie blue staining of purified FABP4 protein (Cat# [TP302702]). The protein was produced from HEK293T cells transfected with FABP4 cDNA clone (Cat# [RC202702]) using MegaTran 2.0 (Cat# [TT210002]).