

Product datasheet for PH304449

BLBP (FABP7) (NM_001446) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FABP7 MS Standard C13 and N15-labeled recombinant protein (NP_001437)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204449
Predicted MW:	14.9 kDa
Protein Sequence:	>RC204449 protein sequence Red =Cloning site Green =Tags(s) MVEAFCATWKL TNSQNFDEYMKALGVGFATRQVGNVTKPTVIIISQEGDKVVIRTLSTFKNTEISFQLGEE FDETTADDRNCKSVVSLDGDKL VHIQKWDGKETNFVREIKDGKMVMTLTFGDVVAVRHYEKA 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_001437
RefSeq Size:	1005
RefSeq ORF:	396
Synonyms:	B-FABP; BLBP; FABPB; MRG
Locus ID:	2173
UniProt ID:	O15540
Cytogenetics:	6q22.31



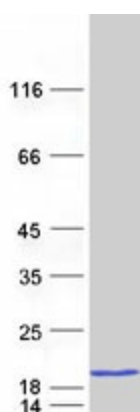
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Summary:

The gene encodes a small, highly conserved cytoplasmic protein that bind long-chain fatty acids and other hydrophobic ligands. The encoded protein is important in the establishment of the radial glial fiber in the developing brain. Alternative splicing and promoter usage results in multiple transcript variants encoding different isoforms. Pseudogenes of this gene are found on multiple chromosomes. [provided by RefSeq, Jan 2016]

Protein Pathways:

PPAR signaling pathway

Product images:

Coomassie blue staining of purified FABP7 protein (Cat# [TP304449]). The protein was produced from HEK293T cells transfected with FABP7 cDNA clone (Cat# [RC204449]) using MegaTran 2.0 (Cat# [TT210002]).