

Product datasheet for PH305307

FABP6 (NM_001445) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FABP6 MS Standard C13 and N15-labeled recombinant protein (NP_001436)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205307
Predicted MW:	14.4 kDa
Protein Sequence:	>RC205307 protein sequence Red=Cloning site Green=Tags(s) MAFTGKFEMESEKNYDEFMKLLGISDVIKHAHFKIVTEVQDGDFTWSQHYYGGHTMTNKFTVGKES NIQTMGGKTKATVQMEGGKLVNFPNYHQTSEIVGDKLVEVSTIGGVTYERVSKRLA 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001436
RefSeq Size:	587
RefSeq ORF:	384
Synonyms:	I-15P; I-BABP; I-BALB; I-BAP; ILBP; ILBP3; ILLBP
Locus ID:	2172
UniProt ID:	P51161
Cytogenetics:	5q33.3



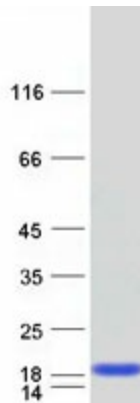
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Summary:

This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Pathways:

PPAR signaling pathway

Product images:

Coomassie blue staining of purified FABP6 protein (Cat# [TP305307]). The protein was produced from HEK293T cells transfected with FABP6 cDNA clone (Cat# [RC205307]) using MegaTran 2.0 (Cat# [TT210002]).