

Product datasheet for **TP307592**

liver FABP (FABP1) (NM_001443) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fatty acid binding protein 1, liver (FABP1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207592 protein sequence Red =Cloning site Green =Tags(s)
	MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGDIKGVSEIVQNGKHFKFTITAGSKVIQNEFTVGEECE LETMTGEKVKTVVQLEGDNKLVTTFKNIKSVTELNVDIITNTMTLGDIVFKRISKRI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001434
Locus ID:	2168
UniProt ID:	P07148 , Q6FGL7 , Q05CP7
RefSeq Size:	598
Cytogenetics:	2p11.2



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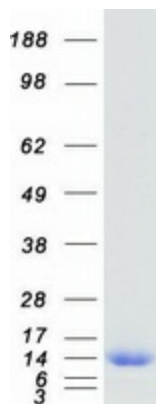
RefSeq ORF: 381

Synonyms: FABPL; L-FABP

Summary: This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Mar 2011]

Protein Pathways: PPAR signaling pathway

Product images:



Coomassie blue staining of purified FABP1 protein (Cat# TP307592). The protein was produced from HEK293T cells transfected with FABP1 cDNA clone (Cat# [RC207592]) using MegaTran 2.0 (Cat# [TT210002]).