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)
Species: Human
Expression Host: HEK293T
Tag: C-Myc/DDK
Predicted MW: 14 kDa
Concentration: >50 μg/mL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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
RefSeq Size: 598
Cytogenetics: 2p11.2
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 FABP6 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]).