



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### FABP1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002168-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human FABP1 full-length ORF (AAH32801, 1 a.a. - 127 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGDIKGV  
SEIVQNGKHFKFTITAGSKVIQNEFTVGEECELETMTG  
EKVKTVVQLEGDNKLVTTFKNIKSVTELNQDIITNTML  
GDIVFKRISKRI

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 39.71

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2168

**Gene Symbol:** FABP1

**Gene Alias:** FABPL, L-FABP

**Gene Summary:** FABP1 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. FABP1 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]

**References:**

1. Adipocyte fatty acid binding protein in a Caucasian population: a new marker of metabolic syndrome? Stejskal D, Karpisek M. Eur J Clin Invest. 2006 Sep;36(9):621-5.
2. Adiponectin, Adipocyte Fatty Acid Binding Protein, and Epidermal Fatty Acid Binding Protein: Proteins Newly Identified in Human Breast Milk. Bronsky J, Karpisek M, Bronska E, Pechova M, Jancikova B, Kotolova H, Stejskal D, Prusa R, Nevoral J. Clin Chem. 2006 Sep;52(9):1763-70. Epub 2006 Jul 27.