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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

FABP7 (Human) Recombinant Protein (P01)

Catalog Number: H00002173-P01

Regulation Status: For research use only (RUO)

Product Description: Human FABP7 full-length ORF (AAH12299, 1 a.a. - 132 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVEAFCATWKL TNSQNFDEYMKALGVGFATRQVGNV
TKPTVIISQEGDKVVIRT LSTFKNTEISFQLGEEFDETTA
DDRNCKSVVSLDGD KL VHIQKWDGKETNFVREIKDGK
MVMTLTFGDVVA VRHYEKA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 40.26

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: 2173

Gene Symbol: FABP7

Gene Alias: B-FABP, BLBP, DKFZp547J2313, FABPB, MRG

Gene Summary: The protein encoded by this gene is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small, highly conserved,

cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs are thought to play roles in fatty acid uptake, transport, and metabolism. [provided by RefSeq]

References:

1. FABP7 and HMGCS2 Are Novel Protein Markers for Apocrine Differentiation Categorizing Apocrine Carcinoma of the Breast. Gromov P, Espinoza JA, Talman ML, Honma N, Kroman N, Wielenga VT, Moreira JM, Gromova I PLoS One. 2014 Nov 12;9(11):e112024. doi: 10.1371/journal.pone.0112024. eCollection 2014.
2. 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.