

Recombinant Human FABP7 protein, His-tagged

Cat. No. FABP7-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP7(Val 2 - Ala 132) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val 2 - Ala 132
Predicted N Terminal	Val 2
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.
Molecular Mass	Has a calculated MW of 15.7 kDa. DTT-reduced Protein migrates as 16 kDa.
Endotoxin	Less than 1.0 EU per µg of the rhFABP7 / B-FABP by the LAL method.
Purity	>92% as determined by SDS-PAGE.
Storage	Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

GENE INFORMATION

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Gene Name	FABP7 fatty acid binding protein 7, brain [Homo sapiens]
Official Symbol	FABP7
Synonyms	FABP7; fatty acid binding protein 7, brain; fatty acid-binding protein, brain; B FABP; BLBP; brain lipid binding protein; brain lipid-binding protein; fatty acid-binding protein 7; brain-type fatty acid-binding protein; mammary-derived growth inhibitor related; mammary-derived growth inhibitor-related; MRG; FABPB; B-FABP; DKFZp547J2313;
Gene ID	2173
mRNA Refseq	NM_001446
Protein Refseq	NP_001437
MIM	602965
UniProt ID	O15540
Chromosome Location	6q22-q23
Pathway	PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
Function	lipid binding; transporter activity;