

Recombinant Human FABP3 293 Cell Lysate

Cat. No. FABP3-6477HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) (FABP3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

FABP3 fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) [Homo sapiens]

Official Symbol

FABP3

Synonyms

FABP3; fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor); FABP11, fatty acid binding protein 11 , MDGI; fatty acid-binding protein, heart; H FABP; O FABP; fatty acid binding protein 11; mammary-derived growth inhibitor; muscle fatty acid-binding protein; Fatty acid-binding protein 3, muscle; heart-type fatty acid-binding protein; MDGI; FABP11; H-FABP; M-FABP; O-FABP;

Gene ID

2170

mRNA Refseq

NM_004102

Protein Refseq

NP_004093

MIM

134651

UniProt ID

P05413

Chromosome Location

1p33-p32

Pathway

PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway,

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conserved biosystem;

Function

cytoskeletal protein binding; fatty acid binding; icosatetraenoic acid binding; lipid binding; long-chain fatty acid transporter activity; transporter activity;

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