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FABP3, human recombinant protein

Fatty acid-binding protein heart, H-FABP, Heart-type fatty acid-binding protein, Muscle fatty acid-b

Catalog # PBV10286r

Specification

FABP3, human recombinant protein - Product info

Primary Accession	P05413
Calculated MW	**15.1 kDa KDa**

FABP3, human recombinant protein - Additional Info

Gene ID	**2170**
Gene Symbol	**FABP3**

Other Names
Fatty acid-binding protein heart, H-FABP, Heart-type fatty acid-binding protein, Muscle fatty acid-binding protein, M-FABP, Mammary-derived growth inhibitor, MDGI, FABP3, FABP11, O-FABP.

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**

Target/Specificity
FABP3

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

FABP3, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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FABP3, human recombinant protein - Images

FABP3, human recombinant protein - Background

Human Fatty Acid Binding Protein-3 (FABP-3) exhibits high affinity for small lipophilic ligands. Studies suggest that FABPs are involved in the uptake and metabolism of fatty acids, maintenance of Cellular membrane fatty acids levels, intraCellular trafficking, modulation of specific enzymes of lipid metabolic pathways, as well as in the modulation of cell growth and differentiation

FABP3, human recombinant protein - References

Peeter R.A.,et al.Biochem. J. 276:203-207(1991).
Hu Y.F.,et al.Submitted (MAR-1997) to the EMBL/GenBank/DDBJ databases.
Wu X.,et al.Submitted (NOV-1994) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).