

FABP4, human recombinant protein**Fatty acid-binding protein adipocyte, AFABP, Fatty acid-binding protein 4, Adipocyte lipid-binding p****Catalog # PBV10287r****Specification**

FABP4, human recombinant protein - Product info

Primary Accession

[P15090](#)

Calculated MW

16 kDa KDa**FABP4, human recombinant protein - Additional Info**

Gene ID

2167

Gene Symbol

FABP4**Other Names**

Fatty acid-binding protein adipocyte, AFABP, Fatty acid-binding protein 4, Adipocyte lipid-binding protein, ALBP, A-FABP, FABP4.

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

HPLC;

Recombinant

Yes**Target/Specificity**

FABP4

Application NotesReconstitute in H₂O 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

FABP4, 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 Cytometry](#)
- [Cell Culture](#)

FABP4, human recombinant protein - Images**FABP4, human recombinant protein - Background**

FABPs have been reported to be 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.

FABP4, human recombinant protein - References

Baxa C.A.,et al.Biochemistry 28:8683-8690(1989).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Bienvenut W.V.,et al.Mol. Cell. Proteomics 11:M111.015131-M111.015131(2012).