

## Recombinant Fatty Acid Binding Protein 4 (FABP4)

Catalog No.: TP09237

50µg

### Sequence Information

**Species:** Rat

**Gene ID:**

**Swiss Prot:**P70623

**Synonyms:**A-FABP; AFABP; AP2; Fatty Acid

Binding Protein 4, Adipocyte; Adipocyte

Protein 2; Adipocyte-type fatty

acid-binding protein

**Residues:**Cys2~Ala132

CDAFVGTKWKLVSSENFDDYMKEVGVGFATRKYVAGMAKPNLIISVEGDLVWIRSE

STFKNTEISFKLGVFEDEITPDDRKVKSIITLDGGVLVHVQKWDGKSTTIKKRR

DGDKLVVEECVMKGVTSRTRYERA

### Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Nucleus, Cytoplasm

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.9

**Predicted Molecular Mass:** 18.2kDa

**Accurate Molecular Mass:** 19kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

