

Recombinant Heart-type Fatty Acid Binding Protein (H-FABP)

Catalog No.: **TP10404** 100µg

Sequence Information

Species: Human Swiss Prot:P05413

Gene ID:2170

Synonyms:MDGI; FABP11; H-FABP; O-FABP;

Hfabp; FABP3; Fatty Acid Binding Protein 3, Muscle And Heart; Mammary Derived Growth Inhibitor; Fatty Acid Binding Protein 11; Muscle fatty acid-binding protein; Heart-ty

Residues:Met1-Ala133 MVDAFLGTWKLVDSKNFDDYMKSLGVGFATROVASMTKPTTIIEKNGDILTLKT HSTFKNTEISFKLGVEFDETTADDRKVKSIVTLDGGKLVHLQKWDGQETTLVRE LIDGKLILTLTHGTAVCTRTYEKEA **Product Information** Source: Recombinant expression. Host: E.coli Tags: N-terminal His-Tag Subcellular Location: 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: 6.8 Predicted Molecular Mass: 16.1kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

Reconstitute in ddH_2O 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.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

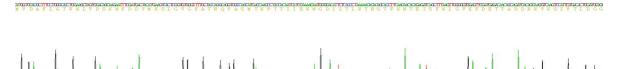


Figure 1. Gene Sequencing (Extract)

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35	
25	- Andrewson - Contraction - Co
15	-
15	
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Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.