

Human FABP3/FABP11/MDGI (His tag) recombinant protein



Catalog Number: 518988

General Information

Gene Name Synonym

Fatty Acid-Binding Protein Heart, Fatty Acid-Binding Protein 3, Heart-Type Fatty Acid-Binding Protein, H-FABP, Mammary-Derived Growth Inhibitor, MDGI Muscle Fatty Acid-Binding Protein, M-FABP, FABP3, FABP11, MDGI

Protein Construction

A DNA sequence encoding the Human FABP3/FABP11/MDGI Val2-Ala133 is expressed with a 6His tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Formulation

Lyophilized from a $0.2\ \mu\text{m}$ filtered solution of 20mM PB, 150mM NaCl, pH 6.5.

Usage Guide

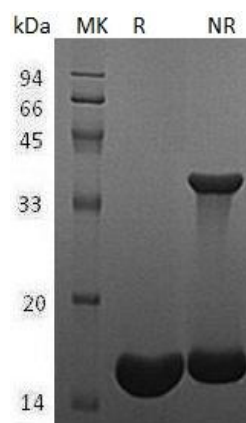
Storage

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100\ \mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE



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