

Recombinant Bovine Fatty Acid-Binding Protein, Heart (FABP3), N-His

Cat. No.: AP7F121

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Bovine Fatty Acid-Binding Protein, Heart (FABP3), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 18.5 kDa. The purity is greater than 95% (SDS-PAGE). The endotoxin level is < 1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

Specifications

Type	Recombinant Protein
Species	Bovine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	18.5 kDa
Molecular Weight	18 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

FABP3, also known as Fatty Acid Binding Protein 3, plays a crucial role in cellular processes related to fatty acid metabolism. Bovine Fatty Acid-Binding Protein, Heart is encoded by the FABP3 gene in cattle. It is found in tissues that require high levels of fatty acids, such as cardiac and skeletal muscle, as well as the lactating mammary gland.

Protein	Bovine Fatty Acid-Binding Protein, Heart (FABP3)
Protein Synonym	fatty acid binding protein 3; FABP; FABP-3; H-FABP; fatty acid-binding protein, heart; MDGI; fatty acid binding protein (heart) like; heart fatty acid-binding protein; heart-type fatty acid binding protein; mammary-derived growth inhibitor
Gene ID	281758
UniProt ID	P10790

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.