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Datasheet for ABIN5564437 **FABP3 Protein (AA 1-133)**

Overview

| | |
|--------------------------|----------------------------|
| Quantity: | 50 µg |
| Target: | FABP3 |
| Protein Characteristics: | AA 1-133 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|-------------------|---|
| Cross-Reactivity: | Human |
| Characteristics: | Human FABP3 (aa 1-133) is untagged. |
| Purity: | >95 % (SDS-PAGE) |
| Endotoxin Level: | <1EU/µg purified protein (LAL test, Lonza). |

Target Details

| | |
|-------------------|---|
| Target: | FABP3 |
| Alternative Name: | FABP3 (FABP3 Products) |
| Background: | FABP3 is a fatty acid binding protein in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs regulate the fatty acid uptake, transport and metabolism. FABP3 is expressed in a wide variety of tissues with highest concentration in cardiac and skeletal |

Target Details

muscle. FABP3 was shown to be release from injured myocardidium and is an early and sensitive marker for injured myocardium.

Molecular Weight: ~15kDa (SDS-PAGE)

UniProt: [P05413](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Solid

Concentration: Lot specific

Buffer: Lyophilized. In 50 mM TRIS, pH 8.2, 5 % trehalose, 5 % mannitol and 0.01 % Tween-80.

Storage: 4 °C,-20 °C

Storage Comment: Short Term Storage: +4°C

Long Term Storage: -20°C

Working aliquots are stable for up to 3 months when stored at -20°C.