

## MYO Recombination Protein

### Basic information:

|                         |                                  |                |                     |
|-------------------------|----------------------------------|----------------|---------------------|
| <b>Catalog No.:</b>     | UDP9017-1                        | <b>Source:</b> | Human               |
| <b>Expression Host:</b> | <i>Escherichia coli</i>          | <b>Type:</b>   | Recombinant protein |
| <b>Purity:</b>          | > 90 % as determined by SDS-PAGE |                |                     |

### Useful Information:

#### Construction:

A DNA sequence encoding the MYO Protein was expressed with His-tag in C terminus.

#### Molecular Mass:

The protein of MYO consists of 153 amino acids.

#### Formulation:

Liquid in PBS, pH 7.4, containing 10% glycerin, 2% mannitol and 1mM DTT.

#### Biological Activity

N/A

#### Endotoxin:

N/A

#### Storage:

Recombinant proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

#### Reconstitution:

According to the application.

#### Description:

Myoglobin is a small protein containing heme, which mainly exists in striated muscle. It is responsible for oxygen storage and distribution in cardiac muscle cells. MYO, cTnI and CK-MB are three rapid markers of myocardial infarction.

#### Note:

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