

# Human/Mouse/Rat FNDC5/FRCP2 (His tag) recombinant protein



Catalog Number: 518221

## General Information

### Gene Name Synonym

Fibronectin type III domain-containing protein 5,  
Fibronectin type III repeat-containing protein 2,  
Irisin, FNDC5

### Protein Construction

A DNA sequence encoding the Human/Mouse/Rat  
FNDC5/FRCP2 Asp32-Glu143 is expressed with a  
6His tag at the C-terminus.

### Organism

Human/Mouse/Rat

### Expression Host

Human Cells

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL  
method.

### Stability

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  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 PBS,  
 $\text{pH}7.4$ .

## Usage Guide

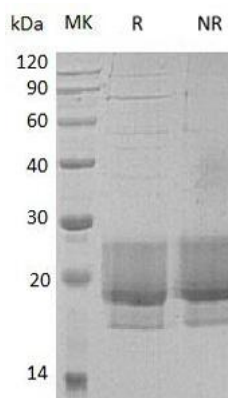
### Storage

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  
 $\text{ddH}_2\text{O}$ . Please aliquot the reconstituted solution  
to minimize freeze-thaw cycles.

## SDS-PAGE



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