

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 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 PBS,
 $\text{pH}7.4$.

Usage Guide

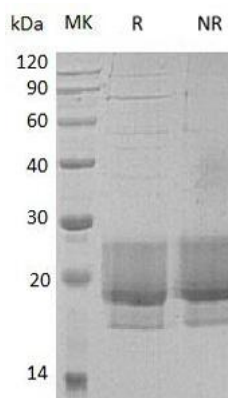
Storage

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
 ddH_2O . Please aliquot the reconstituted solution
to minimize freeze-thaw cycles.

SDS-PAGE



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