



# AVISCERA BIOSCIENCE

## IRISIN (HUMAN, RAT, MOUSE), HIS TAG, RECOMBINANT

### Product Information

Code	00170-01-100
Name	Irisin (H,R,M).
Lot No.	
Size	100 µg
Species	Human, rat, mouse
Sequence	D16-E127
Protein ID	NP_715637.2
Gene ID	NM_153756.2
MW	16.2 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>90% in SDS-PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	free
Storage	-20 °C ~ -70° C
Reconstitution	500 µl
Application	

### Description

A DNA sequence encoding Irisin (Human, Rat, Mouse) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100 µg Irisin (Human, Rat, Mouse) in 100 µl of PBS, Carry free.

### Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Irisin [Human FNDC5 (16-127)]/Mouse FNDC5 (29-140)

**Human Fibronectin Type III Domain-containing Protein 5 (FNDC5)**

```
10      20      30      40      50      60
MRRWLGCVCF ALVQADSPFA PYNVTVEELK ANSAVVSMDV LEDEVVIGFA ISQQKRDVPM
70      80      90     100     110     120
LRFIQEVNTT TRSCALWDLK EDTRYIVRVQ AISIQGQSPA SEPVLKTFP EAERMASKK
130     140     150     160     170     180
DEVTKEMGR NQQLRTGEVL IIVVLFMWA GVIALFCRQY DIIKDNEPNN NKERTKSASE
190
TSTPEHQGGG LLRSKI      ADIPO BIOSCIENCE
```

### ORDER INFORMATION

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