



# AVISCERA BIOSCIENCE

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

### Product Information

Code	00170-01-50
Name	Irisin (H,R,M)
Lot No.	
Size	50 µg
Species	Human, Rat, Mouse
Sequence	D16-E127
Protein ID	Q8NAU1
Gene ID	252995
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	ELISA, Cell Biology

### 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 50 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 100 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

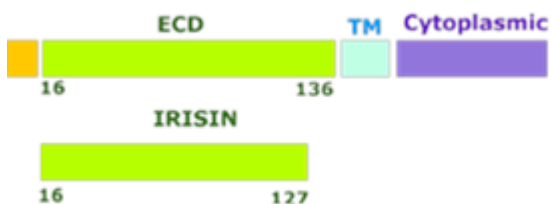
Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted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

### Sequence: Irisin [Human FNDC5 (16-127)]

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

```
10      20      30      40      50      60
MRRHLGCVCF ALVQADSPFA FVNVTVERLK ANSAVVDV LEDEVVIGFA ISQQKEDVM
70      80      90      100     110     120
LRFIQEVNIT TRSCALWLE ETEYIVRVQ AISIQGQSPA SEPVLFKTFP EAERMASRKK
130     140     150     160     170     180
DEVTKRDMGR NQQLRTGEVL IIVVLFMWA GVIALFCRQY DIIKDNEPNN NKERTKSASE
190
TSTPEHQGGG LLRSKI
```

### HUMAN FNDC5/PREPRO-IRISIN



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