



# 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	D32-E143
Protein ID	NP_715637.2
Gene ID	NM_153756.2
MW	16.2 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% 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 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:** Human Irisin/ FNDC5 (D32-E143)

### Human Irisin / FNDC5 (32-143)

	10	20	30	40	50
	MHPGSPSAWP	PRARAALRLW	LGCVCFALVQ	ADSPSAPVNV	TVRHLKANSA
	60	70	80	90	100
	VVSWDVLEDE	VVIGFAISQQ	KKDVRMLRFI	QEVNTTTRSC	ALWDLEEDTE
	110	120	130	140	150
	YIVHVQAISI	QGQSPASEPV	LFKTPREAEK	MASKNKDEVT	MKEMGRNQQL
	160	170	180	190	200
	RTGEVLIIVV	VLFMWAGVIA	LFCRQYDIK	DNEPNNNKEK	TKSASETSTP
	210				
	EHQGGGLLRS	KI			

### ORDER INFORMATION

Aviscera Bioscience, Inc.  
2348 Walsh Ave., Suite C  
Santa Clara, CA 95051  
Tel: (408) 982 0300  
Fax: (408) 982 0301  
Email:

[Info@AvisceraBioscience.com](mailto:Info@AvisceraBioscience.com)  
[www.AvisceraBioscience.com](http://www.AvisceraBioscience.com)

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.