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Datasheet for ABIN4371788
FNDC5 Protein (AA 32-143) (His tag)

Overview

Quantity:	50 µg
Target:	FNDC5
Protein Characteristics:	AA 32-143
Origin:	Human, Mouse, Rat
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FNDC5 protein is labelled with His tag.

Product Details

Sequence:	DSPSAPVNVT VRHLKANSAV VSWDVLEDEV VIGFAISQK KDVRMLRFIQ EVNTTTRSCA LWDLEEDTEY IVHVQAISIQ GQSPASEPVL FKTPREAEM ASKNKDEVTM KEHHHHHH
Characteristics:	Recombinant Human/Mouse/Rat Irisin/FNDC5 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	FNDC5
Alternative Name:	Irisin (FNDC5 Products)
Molecular Weight:	13.6 kDa

Target Details

UniProt: [Q8NAU1](#)

Pathways: [Hormone Activity](#), [Brown Fat Cell Differentiation](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.