



[Go to Product page](#)

Datasheet for ABIN1344302

FNDC5 Protein (AA 16-127, AA 29-140) (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Target:	FNDC5
Protein Characteristics:	AA 16-127, AA 29-140
Origin:	Human, Mouse
Source:	HEK-293T Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FNDC5 protein is labelled with DYKDDDDK Tag.

Product Details

Characteristics:	Irisin (human, AA 16-127 /mouse, AA 29-140) is DYKDDDDK Tagged at the N-terminus. Irisin has 100 % identity between mouse, rat, monkey and human.
Purity:	> 95 % (SDS-PAGE)

Target Details

Target:	FNDC5
Alternative Name:	Irisin (FNDC5 Products)
Background:	Irisin is a recently described exercise-induced hormone secreted by skeletal muscle in mice and humans. Irisin promotes brown adipocyte recruitment in white fat and improves systemic metabolism by increasing energy expenditure. Irisin is cleaved from the type I membrane protein FNDC5.
Molecular Weight:	~26kDa

Target Details

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

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Contains PBS.

Storage: -20 °C

Storage Comment: Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months