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Datasheet for ABIN4371791
FNDC5 Protein (AA 32-143) (Fc 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 Fc Tag.

Product Details

Sequence:	DSPSAPVNVT VRHLKANSAV VSWDVLEDEV VIGFAISQK KDVRMLRFIQ EVNTTTRSCA LWDLEEDTEY IVHVQAISIQ GQSPASEPVL FKTPREAEM ASKNKDEVTM KEVDDIEGRM DEPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS REEMTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT PPVLDSGDSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTQKSLSLS PGK
Characteristics:	Recombinant Human/Mouse/Rat Irisin/FNDC5 (C-Fc)
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:	39.7 kDa
UniProt:	Q8NAU1
Pathways:	Hormone Activity , Brown Fat Cell Differentiation , Positive Regulation of fat Cell Differentiation

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. 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.