

Datasheet for ABIN7607659

FNDC5 Protein (AA 32-143) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	FNDC5
Protein Characteristics:	AA 32-143
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FNDC5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human FNDC5 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to induce p38 MAPK activation in mouse embryonic fibroblast adipose-like cells (3T3-L1). 1 µg/mL of recombinant human FNDC5/Irisin (Cat #: AHJ23501) can effectively induce p38 MAPK activation.

Target Details

Target:	FNDC5
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Target Details

Alternative Name:	FRCP2 (FNDC5 Products)
Background:	FRCP2, Fibronectin type III repeat-containing protein 2, Fibronectin type III domain-containing protein 5, FNDC5
UniProt:	Q8NAU1
Pathways:	Hormone Activity , Brown Fat Cell Differentiation , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months