

Recombinant Human FNDC5 Protein

Cat. No. FNDC5-134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human FNDC5 protein (1-111) was expressed in E. coli. An N-terminal His-tag and SUMOpro tag were removed by cleavage with SUMO protease 1 (Ulp1).
Species	Human
Source	E.coli
ProteinLength	1-111
Description	This gene encodes a secreted protein that is released from muscle cells during exercise. The encoded protein may participate in the development of brown fat. Translation of the precursor protein initiates at a non-AUG start codon at a position that is conserved as an AUG start codon in other organisms. Alternative splicing results in multiple transcript variants.
Molecular Mass	12.4 kDa
Purity	≥90% as determined by SDS-PAGE
Stability	≥ 6 months
Storage	At -80 centigrade.
Storage Buffer	50 mM Tris pH 8.0, 150 mM sodium chloride, and 20% glycerol

 Tel: 1-631-559-9269 1-516-512-3133

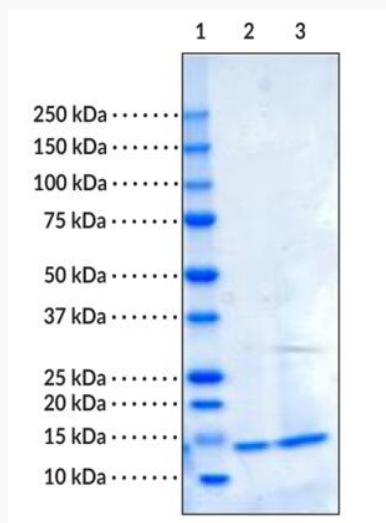
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GENE INFORMATION

Gene Name	FNDC5 fibronectin type III domain containing 5 [Homo sapiens (human)]
Official Symbol	FNDC5
Synonyms	FNDC5; fibronectin type III domain containing 5; FRCP2; irisin; fibronectin type III domain-containing protein 5; fibronectin type III repeat-containing protein 2
Gene ID	252995
mRNA Refseq	NM_153756
Protein Refseq	NP_715637
MIM	611906
UniProt ID	Q8NAU1

SDS-PAGE analysis of Irisin



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Lane 1: MW Ladder

Lane 2: Irisin (2 µg)

Lane 3: Irisin (5 µg)

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