

Fibronectin Type III Domain Containing Protein 5 Recombinant Protein | FNDC5 recombinant protein

Recombinant Fibronectin Type III Domain Containing Protein 5 (FNDC5)

CATALOG # AAA150317	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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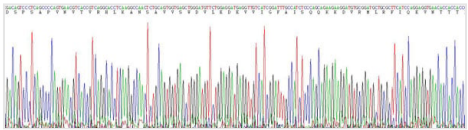
PRODUCT SYNONYMS

Fibronectin Type III Domain Containing Protein 5; Recombinant Fibronectin Type III Domain Containing Protein 5 (FNDC5); FRCP2; Irisin; Fibronectin type III repeat-containing protein 2; FNDC5 recombinant protein

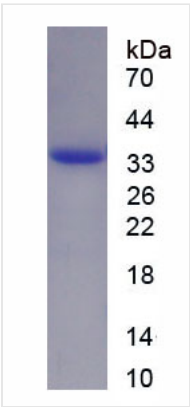
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Asp32~Thr152
Sequence Length	181
Applicable Applications for FNDC5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Secreted
Isoelectric Point	5.4
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for FNDC5 recombinant protein	CD & Adhesion molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	511093995
NCBI Accession #	NP_001165411.2
NCBI GenBank Nucleotide #	NP_001165411.2
UniProt Accession #	Q8NAU1
Molecular Weight	Predicted Molecular Mass: 27.4kDa Accurate Molecular Mass: 34kDa
NCBI Official Full Name	fibronectin type III domain-containing protein 5 isoform 3 preproprotein
UniProt Protein Name	Fibronectin type III domain-containing protein 5
UniProt Gene Name	FNDC5
UniProt Synonym Gene Names	FRCP2
UniProt Entry Name	FNDC5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fndc5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150317>