

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

Recombinant Fibronectin Type III Domain Containing Protein 5 (FNDC5)

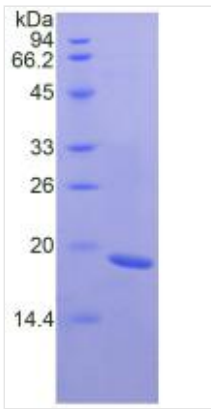
CATALOG # AAA134787	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Fibronectin Type III Domain Containing Protein 5 (FNDC5); Recombinant Fibronectin Type III Domain Containing Protein 5 (FNDC5); FNDC5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHSGSEF-LR FIQEVNTTTR SCALWDLEED TEYIVHVQAI SIQGGSPASE PVLFKTPREA EKMASKNKDE VTMKEMGRNQ QLRTGEVLII VVLFMWAGV IALFCRQYDI IKDNEPNNNK ETKSASETS TPEHQGGGLL RSKI
Sequence Length	181
Applicable Applications for FNDC5 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Leu2~Ile137 (Accession # Q8NAU1) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



LRFIQEVNT TTRSCALWDL EEDTEYIVHV QAISIQQQSP ASEPVLFKTP
REAETMASKN KDEVTMKEMG RNQQLRTGEV LIIVVVLFMW AGVIALFCRQ
YDIKDNENP NNKEKTSAS ETSTPEHQGG GLRSKI

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	511093995
NCBI GeneID	252995
NCBI Accession #	NP_001165411.2
NCBI GenBank Nucleotide #	NM_001171940.1
UniProt Accession #	Q8NAU1; Q6P6D9; Q7Z676; A6NMC9; D3DPQ6
Molecular Weight	16.9kDa
NCBI Official Full Name	fibronectin type III domain-containing protein 5 isoform 3 preproprotein
NCBI Official Synonym Full Names	fibronectin type III domain containing 5
NCBI Official Symbol	FNDC5
NCBI Official Synonym Symbols	FRCP2; irisin
NCBI Protein Information	fibronectin type III domain-containing protein 5; fibronectin type III repeat-containing protein 2
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.