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P90037Hu03
Fibronectin (FN)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in February, 2012)

[DESCRIPTION]

Protein Names: Fibronectin
Synonyms: FN, FN1
Species: Human
Size: 100 µg
Source: *Escherichia* coli-derived
Subcellular Location: Secreted, extracellular space, extracellular matrix.

[PROPERTIES]

Residues: Ala2114~Asp2246 (Accession # P02751), with N-terminal His-Tag.
Grade & Purity: >97%, 16.1 kDa as determined by SDS-PAGE reducing conditions.
Formulation: Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Endotoxin Level: <1.0 EU per 1µg (determined by the LAL method).
Applications: SDS-PAGE; WB; ELISA; IP.
(May be suitable for use in other assays to be determined by the end user.)
Predicted Molecular Mass: 16.1 kDa
Predicted isoelectric point: 5.3

[PREPARATION]

Reconstitute in sterile PBS, pH7.2-pH7.4.

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[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months .

Stability: The stability of protein is determined by the loss rate of concentration. The loss rate was determined by accelerated thermal degradation test.The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-tag, its sequence is listed below.

ALSQTT ISWAPFQDTS EYIISCHPVG TDEEPLQFRV PGTSTSATLT GLTRGATYNV IVEALKDQQR HKVREEVVTV GNSVNEGLNQ PTDDSCFDPY TVSHYAVGDE WERMSESGFK LLCQCLGFGS GHFRCD

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