



TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

YB97522Hu01

Nephronectin (NPNT)

Organism: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

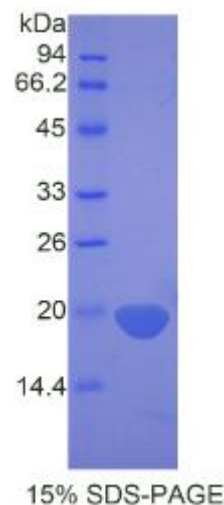
5th Edition (Revised in January, 2013)

[DESCRIPTION]

Protein Names: Nephronectin

Synonyms: NPNT, EGFL6L, POEM

Human NPNT



Species: Human

Size: 100μg

Source: *Escherichia coli*-derived

Subcellular Location: Secreted, extracellular space,
extracellular matrix.

[PROPERTIES]



TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

Residues: Leu418~Arg565 (Accession #

Q6UXI9), with N-terminal His-Tag.

Grade & Purity: >95%, 20kDa as determined

by SDS-PAGE reducing conditions.

Formulation: Supplied as lyophilized form

in PBS, pH 7.4, containing 5% sucrose,

0.01% sarcosyl.

Endotoxin Level: <1.0 EU per 1 μ g

(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: 17.7kDa

Predicted isoelectric point: 9.5

[PREPARATION]

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

[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 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°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.

[SEQUENCES]



TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

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

MGHHHHHSGSEF- LVH SCNFDHGLCG WIREKDNDLH WEPIRDPAGG QYLTVSAAKA

PGGKAARLVL PLGRLMHSGD LCLSFRHKVT GLHSGTLQVF VRKHGAHGAA

LWGRNGGHGW RQTQITLRGA DIKSVVFKGE KRRGHTGEIG LDDVSLKKGH CSEER