

RPA144Ca01 100µg Recombinant Vascular Endothelial Growth Factor B (VEGFB) Organism Species: Canis familiaris; Canine (Dog) Instruction manual

#### FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

kDa

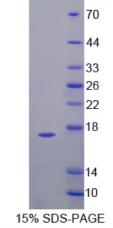
#### [PROPERTIES]

Residues: Pro22~Arg137 Tags: Two N-terminal Tags, His-tag and T7-tag Accession: E2R9R3 Host: *E. coli* Purity: >90% Endotoxin Level: <1.0EU per 1µg (determined by the LAL method). Formulation: Supplied as Iyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. Predicted isoelectric point: 8.0 Predicted Molecular Mass: 16.6kDa Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

## [ <u>USAGE</u> ]

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



Designed by Cloud-Clone Corp., Assembled by Uscn Life Science Inc. ISO9001:2008; ISO13485:2003 11271 Richmond Avenue Suite H104, Houston, TX 77082, USA | Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Http://www.doud-clone.us | E-mail: mail@cloud-clone.us Export Processing Zone Building F. Wuhan, Hubel 430056, PRC | Toll free: 0086-800-880-0687 | Fax: 0086-27-8425-9551 | Http://www.uscnk.com | E-mail: mail@cloud-clone.us

## [ 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.

# [<u>SEQUENCES</u>]

The sequence of the target protein is listed below.

PVSQPDALS HQKKVVSWID VYARATCQPR EVVVPLTVEL MGTVAKQLVP SCVTVQRCGG CCPDDGLECV PTGQHQVRMQ ILMIRYPSSQ LGEMSLEEHS QCECRPKKRE SALKPDR