

RPF756Bo01 50µg Recombinant Peroxiredoxin 6 (PRDX6) Organism Species: *Bos taurus; Bovine (Cattle) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

# Cloud-Clone Corp.

## [PROPERTIES]

Source: Prokaryotic expression Host: *E.coli* Residues: Met1~Pro224 Tags: N-terminal His Tag Subcellular Location: Cytoplasm Purity: > 97% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Original Concentration: 2000µg/mL Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 6.8

Predicted Molecular Mass: 28.8kDa

Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.

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

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

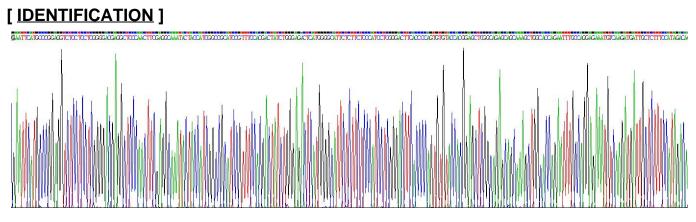
Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

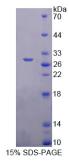
### [SEQUENCE]

# Cloud-Clone Corp.

MPGGLLLGDE APNFEANTTI GRIRFHDYLG DSWGILFSHP RDFTPVCTTE LGRAAKLAPE FAKRNVKMIA LSIDSVEDHL AWSKDINAYN GEEPTEKLPF PIIDDKNRDL AIQLGMLDPA EKDEKGMPVT ARVVFIFGPD KKLKLSILYP ATTGRNFDEI LRVIISLQLT AEKRVATPVD WKNGDSVMVL PTIPEEEAKK LFPKGVFTKE LPSGKKYLRY TPQP



#### Figure . Gene Sequencing (extract)



## [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.