

RPD831Ra01 10µg Recombinant Phospholipase A2, Group III (PLA2G3) Organism Species: *Rattus norvegicus (Rat) Instruction manual*

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

Cloud-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression Host: E.coli Residues: Gly20~Leu268 **Tags:** N-terminal His Tag Subcellular Location: Secreted **Purity:** > 90% Traits: Freeze-dried powder Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose. Original Concentration: 500µg/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: 6.4 Predicted Molecular Mass: 31.4kDa Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions. [USAGE] Reconstitute in ddH_2O 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.

[<u>SEQUENCE</u>]



G SHTLHWDSTS CHLVRSISGS PLGSLSFLGE DAQGLALFQA LWDAHHRLQV CIRQDESELI AAFRALCAHE PLRHAFIHTP GPELQRALAT LQSQWEACRR SEASPTGARE KRETEHRGAP AGEHQRRRRG WTIPGTLWCG VGNSAENASE LGMFHGPDFC CREHDQCPQT ISPLQYNYGI RNFRFHTISH CDCDARFQQC LRSQGDSIAD IMGVAFFNVL EIPCFVLKEQ ETCVAWHWWG GCRTYGSL

[IDENTIFICATION]

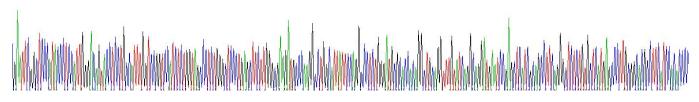
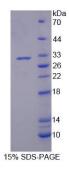


Figure . Gene Sequencing (extract)



[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.