

RPG324Mu06 100µg
Recombinant Pregnancy Zone Protein (PZP)
Organism Species: *Mus musculus* (Mouse)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ser1022~Ala1495

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 200µg/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: 7.2

Predicted Molecular Mass: 56.1kDa

Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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]

SGYQRQLNY QHSDGSYSTF GNHGGGNTPG NTWLTAFVLK AFAQAQSHIF IEKTHITNAF
 NWLSMKQKEN GCFQQSGYLL NNAMKGGVDD EVTLSAYITI ALLEMPVPV HSAVRNALFC
 LETAWASISQ SQESHVYTKA LLAYAFALAG NKAKRSELLE SLNKDAVKEE DSLHWQRPGD
 VQKVKALSFY QPRAPSAEVE MTAYVLLAYL TSESSRPTRD LSSSDLSTAS KIVKWISKQQ
 NSHGGFSSTQ DTVVALQALS KYGAATFTRS QKEVLVTIES SGTFSKTFHV NSGNRLLLQE
 VRLPDLPGNY VTKGSGSGCV YLQTSKLYNI LPVADGKAPF ALQVNTLPLN FDKAGDHRTF
 QIRINVSYTG ERPSSNMVIV DVKMVSGFIP MKPSVKKLQD QPNIQRTEVN TNHVLIIYIEK
 LTNQTGFSF AVEQDIPVKN LKPAPIKVYD YYETDEFTVE EYSAPFSDGS EQGNA

[IDENTIFICATION]

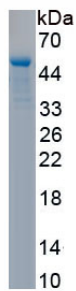


Figure. SDS-PAGE

[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.