

RPC736Hu01 1

Recombinant Phosphoserine Phosphatase (PSPH)

Organism Species: *Homo sapiens (Human)*

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: Met1~Glu225

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 100µg

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: 5.4

Predicted Molecular Mass: 28.7kDa

Accurate Molecular Mass: 29kDa 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.

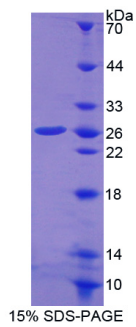
Aliquot and store at -80°C for 12 months.

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]

MVSHSELRKL FYSDAVCFD V D S T V I R E E G I D E L A K I C G V E D A V S E M T R R A M G G A V P F K A A L T E R L
A L I Q P S R E Q V Q R L I A E Q P P H L T P G I R E L V S R L Q E R N V Q V F L I S G G F R S I V E H V A S K L N I P A T N V F A
N R L K F Y F N G E Y A G F D E T Q P T A E S G G K G K V I K L L K E K F H F K K I I M I G D G A T D M E A C P P A D A F I G F G G
N V I R Q Q V K D N A K W Y I T D F V E L L G E L E E

[IDENTIFICATION]



[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.