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Recombinant PTEN Induced Putative Kinase 1 (PINK1)

Catalog Number: SIPL036Hu01 **Spec: 50ug**

Product Name	Recombinant PTEN Induced Putative Kinase 1 (PINK1)
Catalog Number	SIPL036Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Lys262~Leu507
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion, Cytoplasm
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Original Concentration	400μg/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	8.2
Predicted Molecular Mass	30.6kDa
Accurate Molecular Mass	30kDa 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 2-8ºC for one month.

Aliquot and store at -80ºC 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]

KRGPKQLAP HPNIIRVLRA FTSSVPLLPG ALVDYPDVLP
SRLHPEGLGH GRTLFLVMKN YPCTLRQYLC VNTPSPRLAA MMLLQLLEGV
DHLVQQGIAH RDLKSDNILV ELDPDGCPWL VIADFGCCLA DESIGLQLPF
SSWYVDRGGN GCLMAPEVST ARPGPRAVID YSKADAWAVG AIAYEIFGLV
NPFYGQGKAH LESRSYQEAQ LPALPESVPP DVRQLVRALL QREASKRPSA
RVAANVL

[IDENTIFICATION]

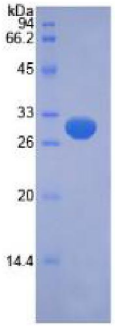

Figure. SDS-PAGE

[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.