

PTEN Induced Putative Kinase 1 (PINK1) Recombinant Protein | PINK1 recombinant protein

Recombinant PTEN Induced Putative Kinase 1 (PINK1)

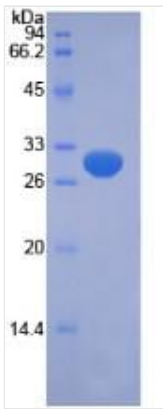
CATALOG # AAA134326	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

PTEN Induced Putative Kinase 1 (PINK1); Recombinant PTEN Induced Putative Kinase 1 (PINK1); PINK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PINK1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys262~Leu507
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	8.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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 ALVDYPDVLPSRLHPEGLGH GRTLFLVMKN YPCTLRQYLC VNTSPRLAA MMLLQLLEGVDHLVQOGIAH RDLKSDNILV ELDPDGCPWL VIADFGCCLA DESIGLQLPFSWYVDRGGN GCLMAPEVST ARPGPRAVID YSKADAWAVG AIAYEIFGLVNPFGQGKAH LESRSYQEAQ LPALPESVPP DVRQLVRALL QREASKRPSARVAANVL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	14165272
NCBI GeneID	65018
NCBI Accession #	NP_115785.1
NCBI GenBank Nucleotide #	NM_032409.2
UniProt Accession #	Q9BXM7; Q8N6T9; Q8NBU3; Q96DE4
Molecular Weight	Predicted Molecular Mass: 30.6kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	serine/threonine-protein kinase PINK1, mitochondrial
NCBI Official Synonym Full Names	PTEN induced putative kinase 1
NCBI Official Symbol	PINK1
NCBI Official Synonym Symbols	BRPK; PARK6
NCBI Protein Information	serine/threonine-protein kinase PINK1, mitochondrial; protein kinase BRPK; PTEN-induced putative kinase protein 1
UniProt Protein Name	Serine/threonine-protein kinase PINK1, mitochondrial
UniProt Gene Name	PINK1
UniProt Entry Name	PINK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.