

Recombinant Human PTEN Protein, His-tagged

Cat. No. PINK1-357H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PINK1 protein (Lys262–Leu507) was expressed in E. coli with N-terminal His Tag.
Species	Human
Source	E.coli
ProteinLength	262-507 a.a.
Description	This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease.
Form	Liquid
Molecular Mass	30.6 kDa
Purity	> 97%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

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Reconstitution Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

GENE INFORMATION

Gene Name PINK1 PTEN induced putative kinase 1 [Homo sapiens]

Official Symbol PINK1

Synonyms PINK1; PTEN induced putative kinase 1; PARK6, Parkinson disease (autosomal recessive) 6; serine/threonine-protein kinase PINK1, mitochondrial; protein kinase BRPK; PTEN-induced putative kinase protein 1; BRPK; PARK6; FLJ27236;

Gene ID 65018

mRNA Refseq NM_032409

Protein Refseq NP_115785

MIM 608309

UniProt ID Q9BXM7

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