

Recombinant Human PINK1 Protein, GST-tagged

Cat. No. PINK1-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PINK1 (114-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
ProteinLength	114-end a.a.
Description	PTEN-induced kinase 1 (PINK1) is a serine/threonine protein kinase that was identified initially in cancer cells as a gene up-regulated by overexpression of the major tumor suppressor, PTEN. It localizes to mitochondria, and regulates multiple aspects of mitochondrial biology. It is implicated in ubiquitin-dependent protein catabolic process to clear damaged mitochondria through selective autophagy (mitophagy). Mutations in the PINK1 gene are linked to early-onset recessive Parkinson disease.
Form	Liquid
Molecular Mass	78 kDa
Purity	>70%
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most

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favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Storage Buffer

50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.

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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