

Recombinant Human PINK1 protein, His-tagged

Cat. No. PINK1-3194H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PINK1 protein(150-300 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	150-300 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	GFRLEEYLIGQSIGKGCSAAVYEATMPTLPQNLEVTGSTGLLPGRGPGTSAPGEGQ ERAAGAPAFPLAIKMMWNISAGSSSEAILNTMSQELVPASRVALAGEYGAVTYRKS RGPKQLAPHPNIIRVLRAFTSSVPLLPALVDYPDVLP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

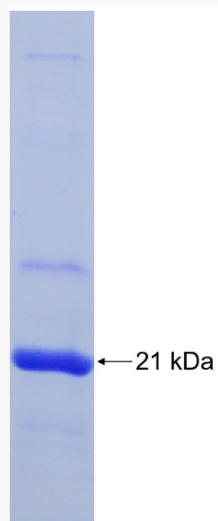
MIM 608309

UniProt ID Q9BXM7

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SDS-PAGE

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