

Recombinant Full Length Human PINK1 Protein, GST-tagged

Cat. No. PINK1-6264HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human PINK1 full-length ORF (AAH28215.1, 1 a.a. - 581 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	581 amino acids
Description	The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Liquid
Molecular Mass	89.1 kDa
AA Sequence	MAVRQALGRGLQLGRALLRFTGKPGRAYGLGRPGPAAGCVRGERPGWAAGPGA EPRRVGLGLPNRLRFFRQSVAGLAARLQRQFVVRWGCAGPCGRAVFLAFGLGLG LIEEKQAESRRAVSACQEIQAIFTQKSKPGDPDTRRLQGFRLEEYLIGQSIGKGCS AAVYEATMPTLPQNLEVTKSTGLLPGRGPGTSAPGEGQERAAGAPAFPLAIKMMW NISAGSSSEAILNTMSQELVPASRVALAGEYGAVTYRKSIRGPKQLAPHPNIIRVLRA

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FTSSVPLLPGALVDYPDVLPSRLHPEGLGHGRTLFLVMKNYPCTLRQYLCVNTSPSR
LAAMMLLQLLEGVDHLVQQGIAHRDLKSDNILVELDPDGCPWLVIADFGCCLADESI
GLQLPFSSWYVDRGGNGCLMAPEVSTARPGPRAVIDYSKADAWAVGAIAYEIFGLV
NPFYGGQKAHLESRSYQEAQLPALPESVPPDVRQLVRALLQREASKRPSARVAANV
LHLSLWGEHILALKNLKLDKMGVWLLQQAATLLANRLTEKCCVETKMKMLFLANLE
CETLCQAALLLCSWRAAL

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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