

# Recombinant Full Length Human PINK1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human PINK1 full-length ORF (AAH28215.1, 1 a.a. - 581 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	581 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	89.1 kDa
<b>AA Sequence</b>	MAVRQALGRGLQLGRALLLRFTGKPGRAYGLGRPGPAAGCVRGERPGWAAGPGA EPRRVGLGLPNRLRFFRQSVAGLAARLQRQFVVRAWGCAGPCGRAVFLAFGLGLG LIEEKQAESRRAVSACQEIQAIIFTQKSKPGDPLDTRRLQGFRLEEYLIGQSIGKGC AAVYEATMPTLPQNLEVTKSTGLLPGRGPGTSAPGEGQERAAGAPAFPLAIKMMW NISAGSSSEAILNTMSQELVPASRVALAGEYGAVTYRKSARGPKQLAPHPNIIRVLRA

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FTSSVPLLP GALVDYDPVLP SRLHPEGLGHGRTLFLVMKNYPCTLRQYLCVNTSPR  
LAAMMLLQLLEGVDHLVQQGIAHRDLKSDNILVELDPDGCPWLVIADFGCCLADESI  
GLQLPFSSWYVDRGGNGCLMAPEVSTARPGPRAVIDYSKADAWAVGAIAYEIFGLV  
NPFYGGQKAHLESRSYQEAQLPALPESVPPDVRQLVRALLQREASKRPSARVAANV  
LHLSLWGEHILALKNLKLDKMGWLLQQAATLLANRLTEKCCVETKMMLFLANLE  
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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