

Full-Length

PINK1 (Human) Recombinant Protein (P02)

Catalog # H00065018-P02

Size 50 ug

Specification

Product Description	Human PINK1 full-length ORF (AAH28215.1, 1 a.a. - 581 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAVRQALGRGLQLGRALLLRFTGKPGRAYGLGRPGPAAGCVRGERPGWAAGPGAEP RRVLGLPNRLRFFRQSVAGLAARLQRQFVVRWGCAGPCGRAVFLAFGLGLGLIEEKQAESRRRAVSACQEIQAIFTQKSKPGPDPLDTRRLQGFRLEEYLIQSIGKGCSAAVYEATMPTLPQNLEVTKSTGLLPGRGPGTSAPGEGQERAAGAPAFPLAIKMMWNISAGSSSEAILNTMSQELVPASRVALAGEYGAVTYRKS KRGPQLAPHPNIIRVLRAFTSSVPLLP GALVDYPDVLPSRLHPEGLGHGRTLFLVMKNYPCTLRQYLCVNTPSPRLAAMMLLQLLEGVDHLVQQGIAHRDLKSDNILVELDPDGCPWLVIADFGCCLADESIGLQLPFSSWYVDRGGNGCLMAPEVSTARPGPRAVIDYSKADAWAVGAIYEIFGLVNP FYGQKG AHLESRSYQEAQLPALPESVPPDV RQLVRALLQREASKRPSARVAANVLHLSLWGEHILALKNLKLDKMGVWLLQQSAATLLANRLTEKCCVETKMKMLFLANLECETLCQAALLLC SWRAAL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	89.1
Interspecies Antigen Sequence	Mouse (81); Rat (78)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PINK1

Entrez GeneID	65018
GeneBank Accession#	BC028215.1
Protein Accession#	AAH28215.1
Gene Name	PINK1
Gene Alias	BRPK, FLJ27236, PARK6
Gene Description	PTEN induced putative kinase 1
Omim ID	605909 608309
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000002881 protein kinase BRPK serine/threonine-protein kinase PINK1

Disease

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- [Discrimination \(Psychology\)](#)
- [Disease Progression](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Neuropsychological Tests](#)
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