

PINK1 recombinant protein

PINK1, 156-507aa, Human, E Coli (Denatured)

CATALOG # AAA48782	HOST E Coli	APPLICATIONS SDS-Page
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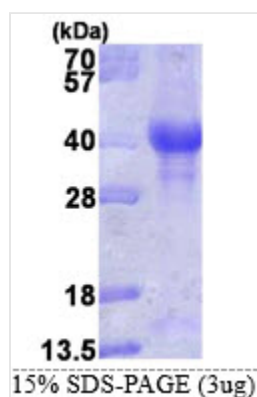
PRODUCT SYNONYMS

PINK1; 156-507aa; Human; E Coli (Denatured); Serine/threonine-protein kinase PINK1 mitochondrial; Serine/threonine-protein kinase PINK1; mitochondrial; BRPK; FLJ27236; PARK6; PINK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) 1M urea, 5% glycerol.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MYLIGQSIGK GCSAAVYEAT MPTLPQNLEV TKSTGLLPGR GPGTSAPGEG QERAPGAPAF PLAIKMMWNI SAGSSSEAIL NTMSQELVPA SRVALAGEYG AVTYRKSKRG PKQLAPHPNI IRVLRAFTSS VPLLPGALVD YPDVLP SRLH PEG LGHGRTL FLVMKNYPCT LRQYLCVNTP SPRLAAMMLL QLLEGVDHLV QQGIAHRDLK SDNILVELDP DGCPWLVIAD FGCLADESI GLQLPFSSWY VDRGGNGCLM APEVSTARPG PRAVIDYSKA DAWAVGAIAY EIFGLVNPFY GQGAHLESR SYQEAQLPAL PESVPPDVRQ LVRALLQREA SKRPSARVAA NVL
Sequence Length	581
Applicable Applications for PINK1 recombinant protein	SDS-PAGE
Antigen Species	Human
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PINK1 recombinant protein	PINK1 is a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this protein cause one form of autosomal recessive early-onset Parkinson disease. Recombinant human PINK protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for PINK1 recombinant protein	Neuroscience
References	Valente EM., et al. (2004) Ann Neurol. 56 (3):336-41.; unoki M., et al. (2001) Oncogene. 20 (33):4457-65.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20381329
NCBI GeneID	65018
Molecular Weight	37.9 kDa (353aa)
NCBI Official Full Name	PTEN induced putative kinase 1
NCBI Official Synonym Full Names	PTEN induced putative kinase 1
NCBI Official Symbol	PINK1
NCBI Official Synonym Symbols	BRPK; PARK6
NCBI Protein Information	serine/threonine-protein kinase PINK1, mitochondrial
UniProt Protein Name	Serine/threonine-protein kinase PINK1, mitochondrial
UniProt Gene Name	PINK1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.