

Recombinant human PINK1 protein

Catalog Number: ATGP1240

PRODUCT INFORMATION

Expression system

E.coli

Domain

156-507aa

UniProt No.

Q9BXM7

NCBI Accession No.

AAH28215

Alternative Names

Serine/threonine-protein kinase PINK1 mitochondrial, Serine/threonine-protein kinase PINK1, mitochondrial, BRPK, FLJ27236, PARK6

PRODUCT SPECIFICATION

Molecular Weight

37.9 kDa (353aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) 1M urea, 5% glycerol

Purity

> 85% by SDS-PAGE

Tag

Non-Tagged

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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 PINK1 protein was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

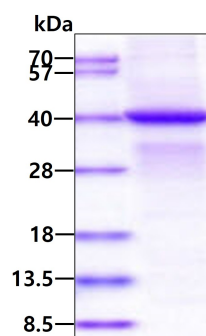
MYLIGQSIGK GCSAAVYEAT MPTLPQNLEV TKSTGLLPGR GPGTSAPGEG QERAPGAPAF PLAIKMMWNI SAGSSSEAIL
NTMSQELVPA SRVALAGEYG AVTYRKSKRG PKQLAPHPNI IRVLRAFTSS VPLLPALVD YPDVLP SRLH PEG LGHGRTL
FLVMKNYPCT LRQYLCVNTSPRLAAMMLL QLLEGVDHLV QQGIAHRDLK SDNILVELDP DGCPWLVIAD FGCCLADESI
GLQLPFSSWY VDRGGNGCLM APEVSTARPG PRAVIDYSKA DAWAVGAIAY EIFGLVNP FY GQGKAHLESR SYQEAQLPAL
PESVPPDVRQ LVRALLQREA SKRPSARVAA NVL

General References

Valente EM., et al. (2004) *Ann Neurol.* 56(3):336-41.
unoki M., et al. (2001) *Oncogene.* 20(33):4457-65.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.