

## PINK1 Human

**Description:** PINK1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (156-507) and having a molecular mass of 37.9 kDa. PINK1 is purified by proprietary chromatographic techniques.

**Catalog #:** PKPS-017

**Synonyms:** PTEN induced putative kinase 1, PARK6, protein kinase BRPK, Parkinson disease (autosomal recessive) 6, serine/threonine-protein kinase PINK1 mitochondrial, EC 2.7.11.1.

For research use only.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MYLIGQSIGK GCSAAVYEAT MPTLPQNLEV TKSTGLLPGR  
GPGTSAPGEG QERAPGAPAF PLAIKMMWNI SAGSSSEAIL NTMSQELVPA SRVALAGEYG  
AVTYRKSARG PKQLAPHPNI IRVLAFTSS VPLLPGALVD YPDVLP SRLH PEG LGHGRTL  
FLVMKNYPCT LRQYLCVNTP SPRLAAMMLL QLLEGVDHLV QQGIAHRDLK SDNILVELDP  
DGCPWLVIAD FG

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

The PINK1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 5% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

PINK1 is a serine/threonine protein kinase which is found in the mitochondria. PINK1 shields cells from stress-induced mitochondrial dysfunction. Mutations results in one form of autosomal recessive early-onset Parkinson disease.

**To place an order, please [Click HERE](#).**