

PTEN Induced Putative Kinase 1 Human Recombinant

Item Number	rAP-1664
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.
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.
Uniprot Accession Number	Q9BXM7
Amino Acid Sequence	MYLIGQSIGK GCSAAVYEAT MPTLPQNLEV TKSTGLLPGR GPGTSAPGEG QERAPGAPAF PLAIKMMWNI SAGSSSEAIL NTMSQELVPA SRVALAGEYG AVTYRKSKRG PKQLAPHPNI IRVLRAFTSS VPLLPALVD YPDVLPRLH PEGLGHGRTL FLVMKNYPCT LRQYLCVNTP SPRLAAMMLL QLLEGVDHLV QQGIAHRDLK SDNILVELDP DGCPWLVIAD FGCCLADESI GLQLPFSSWY VDRGG- NGCLM APEVSTARPG PRAVIDYSKA DAWAVGAIAY EIFGLVNPFI GQGAHLESY SYQEAQLPAL PESVPPDVRQ LVRALLQREA SKRPSARVAA NVL.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The PINK1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 5% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**