Recombinant Human PINK1 Cell Lysate

Cat. No. PINK1-3929HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product includes 3 vials. 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer. 1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer. 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Species	Human
Source	HEK293
Description	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.
Form	Liquid
Molecular Mass	54.6 kDa
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20ºC for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

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Gene Name	PINK1 PTEN induced putative kinase 1 [Homo sapiens]
Official Symbol	PINK1
Synonyms	PINK1; PTEN induced putative kinase 1; PARK6, Parkinson disease (autosomal recessive) 6; serine/threonine-protein kinase PINK1, mitochondrial; protein kinase BRPK; PTEN-induced putative kinase protein 1; BRPK; PARK6; FLJ27236;
Gene ID	65018
mRNA Refseq	NM_032409
Protein Refseq	NP_115785
MIM	608309
UniProt ID	Q9BXM7

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