

Active Recombinant *T. castaneum* PINK1 Protein, MBP/His-tagged

Cat. No. PINK1-001T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>T. castaneum</i> PINK1 Protein contains N-terminal 6-His and MBP tags was expressed in <i>E. coli</i> .
Species	<i>T. castaneum</i>
Source	<i>E. coli</i>
Bio-activity	Reaction conditions will need to be optimized for each specific application. We recommend an initial PINK1 concentration of 0.5-2 μ M for the phosphorylation of recombinant Parkin, Ubiquitin, or Polyubiquitin chains.
Molecular Mass	108 kDa
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -70 centigrade as supplied. 3 months, -70 centigrade under sterile conditions after opening.
Storage Buffer	X mg/ml (X μ M) in 20 mM HEPES pH 7.6, 50 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP

GENE INFORMATION

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Gene Name	NEWENTRY Record to support submission of GeneRIFs for a gene not in Gene (red flour beetle; rust-red flour beetle). [Tribolium castaneum (red flour beetle)]
Official Symbol	NEWENTRY Record to support submission of GeneRIFs for a gene not in Gene (red flour beetle; rust-red flour beetle). [Tribolium castaneum (red flour beetle)]
Synonyms	BRPK; EC 2.7.11.1; FLJ27236; PARK6; Parkinson disease (autosomal recessive) 6; PINK1; protein kinase BRPK; PTEN Induced Kinase 1; PTEN induced putative kinase 1; PTEN-induced putative kinase protein 1; serine/threonine-protein kinase PINK1, mitochondrial
Gene ID	3925520
UniProt ID	E0W111