

Recombinant Yeast ppa2, GST-tagged

Cat. No. ppa2-1868Y Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Yeast ppa2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Yeast
Source	E.coli
ProteinLength	123-322
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PPA2?Ppa2p [?Saccharomyces cerevisiae S288c?]
Official Symbol	ppa2
Synonyms	PPA2; Ppa2p; IPP2; Ppa2p; NP_013994.1; EC 3.6.1.1; Mitochondrial inorganic pyrophosphatase, required for mitochondrial function and possibly involved in energy generation from inorganic pyrophosphate

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Gene ID	855309
mRNA Refseq	NM_001182774
Protein Refseq	NP_013994
UniProt ID	P28239
Chromosome Location	XIII
Pathway	Cytosolic tRNA aminoacylation; Mitochondrial tRNA aminoacylation; Oxidative phosphorylation
Function	hydrolase activity; inorganic diphosphatase activity; magnesium ion binding

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