

Recombinant yeast cka1, GST-tagged

Cat. No. cka1-11259y Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant yeast cka1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Yeast
Source	E.coli
ProteinLength	1-331
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	CKA1?Cka1p [?Saccharomyces cerevisiae S288c?]
Official Symbol	cka1
Synonyms	ATP binding; kinase activity; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity; transferase activity; transferase activity, transferring phosphorus-containing groups

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Gene ID	854776
mRNA Refseq	NM_001179385.1
Protein Refseq	NP_012229.1
Chromosome Location	chromosome: IX
Function	Alpha catalytic subunit of casein kinase 2 (CK2), a Ser/Thr protein kinase with roles in cell growth and proliferation; CK2, comprised of CKA1, CKA2, CKB1 and CKB2, has many substrates including transcription factors and all RNA polymerases; Cka1p; EC 2.7

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