



S. cerevisiae CTK1 peptide (DAG-P0394)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description Saccharomyces cerevisiae is a species of yeast. It is perhaps the most useful yeast, having been instrumental to winemaking, baking, and brewing since ancient times. It is believed that it was originally isolated from the skin of grapes (one can see the yeast as a component of the thin white film on the skins of some dark-color fruits such as plums; it exists among the waxes of the cuticle). It is one of the most intensively studied eukaryotic model organisms in molecular and cell biology, much like Escherichia coli as the model bacterium. It is the microorganism behind the most common type of fermentation. S. cerevisiae cells are round to ovoid, 5–10 micrometres in diameter. It reproduces by a division process known as budding.

Nature	Synthetic
Expression System	N/A
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Cellular Localization	Nuclear
Format	Liquid
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

ANTIGEN GENE INFORMATION

Gene Name	CTK1 Ctk1p [Saccharomyces cerevisiae S288c]
Synonyms	Ctk1p;
Entrez Gene ID	853718
mRNA Refseq	NM_001179705.1
Protein Refseq	NP_012783.1
UniProt ID	Q03957
Chromosome Location	chromosome: XI

Function

ATP binding; RNA polymerase II carboxy-terminal domain kinase activity; cyclin-dependent protein serine/threonine kinase activity; kinase activity; nucleotide binding; protein kinase activity; protein kinase activity; protein serine/threonine kinase activ
