



## S. cerevisiae CTK1 peptide (DAG-P0394)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">CTK1 Ctk1p [ Saccharomyces cerevisiae S288c ]</a>
<b>Synonyms</b>	Ctk1p;
<b>Entrez Gene ID</b>	<a href="#">853718</a>
<b>mRNA Refseq</b>	<a href="#">NM_001179705.1</a>
<b>Protein Refseq</b>	<a href="#">NP_012783.1</a>

<b>UniProt ID</b>	Q03957
<b>Chromosome Location</b>	chromosome: XI
<b>Function</b>	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