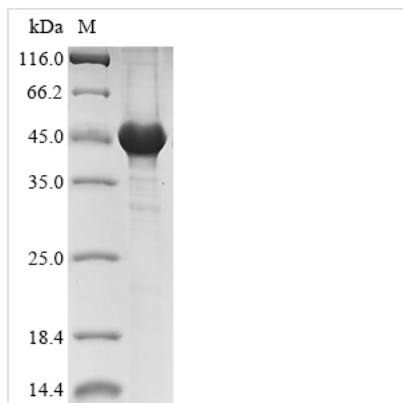




# Recombinant *Saccharomyces cerevisiae* Serine/threonine-protein kinase CAK1 (CAK1)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-EP337447SVG   |
| <b>Abbreviation</b>      | Recombinant <i>Saccharomyces cerevisiae</i> CAK1 protein  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | P43568  |
| <b>Storage Buffer</b>    | Tris-based buffer,50% glycerol  |
| <b>Product Type</b>      | Recombinant Proteins  |
| <b>Immunogen Species</b> | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)  |
| <b>Purity</b>            | ≥ 85% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | MKLD SIDITHCQLVKSTR TARIYRSDTYAIKCLALDFDIPPHNAKFEVSILNKLGN<br>KCKHILP LLESKATDNN D L L L L F P F E E M N L Y E F M Q M H Y K R D R R K K N P Y Y D L L N<br>P S I P I V A D P P V Q K Y T N Q L D V N R Y S L S F F R Q M V E G I A F L H E N K I I H R D I K P Q N I M L T<br>N N T S T V S P K L Y I I D F G I S Y D M A N N S Q T S A E P M D S K V T D I S T G I Y K A P E V L F G V K C<br>Y D G G V D V W S L L I I S Q W F Q R E T S R M G H V P A M I D D G S D D M N S D G S D F R L I C S I F<br>E K L G I P S I Q K W E E V A Q H G S V D A F V G M F G A D G D G K Y V L D Q E K D V Q I S I V E R N M<br>P R L D E I A D V K V K Q K F I N C I L G M V S F S P N E R W S C Q R I L Q E L E K P |
| <b>Research Area</b>     | Cancer  |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | CAK1  |
| <b>Protein Names</b>     | Recommended name: Serine/threonine-protein kinase CAK1 EC= 2.7.11.22<br>Alternative name(s): CDK-activating kinase  |
| <b>Expression Region</b> | 1-368aa   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | N-terminal 10xHis-tagged and C-terminal Myc-tagged  |
| <b>Mol. Weight</b>       | 49.6 kDa  |
| <b>Protein Length</b>    | Full Length   |
| <b>Image</b>             |   |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Shelf Life

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