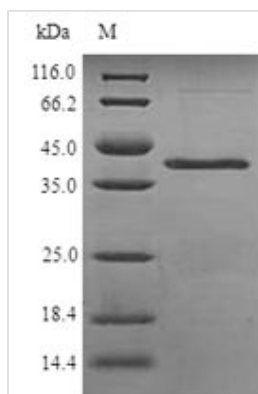




Recombinant Schizosaccharomyces pombe NADH kinase pos5, mitochondrial (pos5)

Product Code	CSB-YP891853SXV
Relevance	Phosphorylates both NADH and NAD ⁺ , with a preference for NADH. Anti-oxidant factor and key source of the cellular reductant NADPH
Abbreviation	Recombinant SchizosaccharoMyces pombe pos5 protein
Storage	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.
Uniprot No.	Q9UT98
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	NSVYSKSIRLVNTLENRIVPVYKECASPQSIGGKSNLKQLQWPKPPKNILILKKR MDERVDHCFETLVQHLQQTYPDICIITETDVAKKFSYLNLYTWTEISDLEQKVD AIITVGGDGTILHAASLFARSGMPPILSFSLGTLGFLLPDFGFSFQTAFADFYNS RSFVLMRMRLRVAMKTKLYNESIYAMNEMHIHRGLSPHMAVLKVFNVDKFLTE AVADGLIISTPTGSTAYSLSSGGPIVHPSINALLTPICPNLSFRPVLFPDTFKISI ETSNKSRVRPQLSIDGRPLGLTDIGQRIDITSVKDNAIPCIIRSHKEDDWVSDIVS LLRWNHPFHRKGW
Research Area	Microbiology
Source	Yeast
Target Names	pos5
Protein Names	Recommended name: NADH kinase pos5, mitochondrial EC= 2.7.1.86
Expression Region	43-386aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	40.7kDa
Protein Length	Full Length of Mature Protein
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.