



Recombinant *Schizosaccharomyces pombe* Methylenetetrahydrofolate dehydrogenase [NAD (+)] (mtd1)

Product Code	CSB-EP885845SXV
Abbreviation	mtd1
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.	Q9P786
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSNTNKSEPN HSCKVYASR VAETFVEQLK QHVNLFEFAP KLVGFLSNSD PAARMYADWT NKTCTEIGFQ YELREVPKDD LEDAIVEANN DPSVNGIMIY FPVFNDGQDQ YLQQVVSPDK DVEGLCHKYV MNMYHNIRHL DPEKTKKSIL PCTPLAIVKI LEYLGVYNKI INYGNRLYGK TITIVNRSEI VGRPLAALLA NDGAKVYSVD IHNVQCFTRG AGIRSKKHDV ADTNFKLEDV APISDVIICG VPSANYKFPS NLVRDGAVCI CFSSEKNFDA ASLKEHAGIY VPSIGKVITIA MLLRNLIRLT SYQLNKPVDI
Source	E.coli
Target Names	mtd1
Protein Names	Recommended name: Methylenetetrahydrofolate dehydrogenase [NAD(+)] EC=1.5.1.15
Expression Region	1-320
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.