



Recombinant Proline dehydrogenase 1 (fadM)

Product Code	CSB-EP848246BRL
Abbreviation	fadM
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.	Q8RMG1
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis subsp. natto
Purity	≥85% (SDS-PAGE)
Sequence	MLRHVFLFLS QNKTLTAKFAK AYGTRLGARR FVAGDTIESA VKTVKRLNRS GLCATIDYLG EYAASEKEAN QVAEECKKAI QAIAEHLQDS ELSLKLTSIG LDLSEELALT HLRAILSVAK QYDVAVTIDM EDYSHYEQTL SIYRQCKQEF EKLGTVIQAY LYRAAEDIKK MRDLKPNLRL VKGAYKESAA VAFDPKRGTD LHFQSLIKLQ LLSGNYTAVA THDDDIKFT KQLVAEHRIP ASQFEFQMLY GIRPERQKEL AKEGYRMRVY VPYGTDWFSY FMRRIAERPA NAAFVLKGIL KK
Source	E.coli
Target Names	fadM
Protein Names	Recommended name: Proline dehydrogenase 1 Short name= PRODH 1 EC= 1.5.99.8 Alternative name(s): Proline oxidase 1
Expression Region	1-302
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.