



Recombinant Escherichia coli N-acetylmuramic acid 6-phosphate etherase (murQ)

Product Code	CSB-YP512252ENU
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.	C4ZVV9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	≥85% (SDS-PAGE)
Sequence	MQFEKMITEG SNTASAEIDR VSTLEMCRII NDEDKTVPLA VERVLPDIAA AIDVIHAQVS GGGRLIYLGA GTSGRLGILD ASECPPTYGV KPGLVVGLIA GGEYAIQHAV EGAEDSREGG VNDLKNINLT AQDVVVGIAA SGRTPYVIAG LEYARQLGCR TVGISCNPGS AVSTTAEFAI TPIVGAEVVT GSSRMKAGTA QKLVNLMLST GLMIKSGKVF GNLMVDVVAT NEKLHVRQVN IVKNATGCSA EQAEAALIAC ERNCKTAIVM VLKNLDAAEA KKRLDQHGGF IRQVLDKE
Source	Yeast
Target Names	murQ
Protein Names	Recommended name: N-acetylmuramic acid 6-phosphate etherase Short name= MurNAc-6-P etherase EC= 4.2.1.126 Alternative name(s): N-acetylmuramic acid 6-phosphate hydrolase N-acetylmuramic acid 6-phosphate lyase
Expression Region	1-298
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.