



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

<b>Product Code</b>	CSB-MP474101ENW
<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>	B6I504
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain SE11)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MQLEKMITEG SNTASAEIDR VSTLEMCR II NDEDKTVPLA VERVLPDIAA AIDVIHAQVS GGGRLIYLGA GTSGRLGILD ASECPTYGV KPGLVVGLIA GGEYAIQHAV EGAEDSREGG VNDLKNINLT AQDVVVGIAA SGRTPYVIAG LEYARQLGCR TVGISCNPGS AVSTTAEFAI TPIVGAEVVT GSSRMKAGTA QKLVNLMLST GLMIKSGKVF GNLMVDVVAT NEKLVHRQVN IVKNATGCNA EQAEAAIAC ERNCKTAIVM VLKNLDAAEA KKRLDQHGGF IRQVLDKE
<b>Source</b>	Mammalian cell
<b>Target Names</b>	murQ
<b>Protein Names</b>	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
<b>Expression Region</b>	1-298
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.