



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

Product Code	CSB-YP482409EOR
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.	B7LKK7
Product Type	Recombinant Protein
Immunogen Species	Escherichia fergusonii (strain ATCC 35469 / DSM 13698 / CDC 0568-73)
Purity	>85% (SDS-PAGE)
Sequence	MQLEKMITEG SNAASAEIDR VSTLEMCRII NDEDKTVPLA VERVLPDIAA AIDVIHAQVS GGGRLIYIGA GTSGRLGILD ASECPPTYGV KPGLVVGLIA GGEYAIQHAV EGAEDSREGG VNDLKNIGLT AQDVVVGIAA SGRTPYVIAG LEYARQLGCR TVGISCNPGS AVSTTAEFAI TPVVGAEVVT GSSRMKAGTA QKLVNLMLST GLMIKSGKVF GNLMVDVVAT NEKLHVRQVN IVKNATGCNA EKAEAAIAC 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.