Recombinant Escherichia coli O7:K1 GTP cyclohydrolase 1 (folE)

Product Code	CSB-MP009317EON
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7NMB8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MPSLSKEAAL VHEALVARGL ETPLRPPVHE MDNETRKSLI AGHMTEIMQL LNLDLADDSL METPHRIAKM YVDEIFSGLD YANFPKITLI ENKMKVDEMV TVRDITLTST CEHHFVTIDG KATVAYIPKD SVIGLSKINR IVQFFAQRPQ VQERLTQQIL IALQTLLGTN NVAVSIDAVH YCVKARGIRD ATSATTTTSL GGLFKSSQNT RHEFLRAVRH HN
Source	Mammalian cell
Target Names	folE
Protein Names	Recommended name: GTP cyclohydrolase 1 EC= 3.5.4.16 Alternative name(s): GTP cyclohydrolase I Short name= GTP-CH-I
Expression Region	1-222
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.