



Recombinant Escherichia coli O17:K52:H18 Thymidine phosphorylase (deoA)

Product Code	CSB-EP025392EOG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7NH50
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MFLAQEIIRK KRDGHALSDE EIRFFINGIR DNTISEGQIA ALAMTIFFHD MTMPERVSLT MAMRDSGTVL DWKSLHLNGP IVDKHSTGGV GDVTSMLLGP MVAACGGYIP MISGRGLGHT GGTLDKLESI PGFDIFPDDN RFREIHKDVG VAIIGQTSSL APADKRFYAT RDITATVDSI PLITASILAK KLAEGLDALV MDVKVGSAGAF MPTYELSEAL AEAIVGVANG AGVRTTALLT DMNQVLASSA GNAVEVREAV QFLTGEYRNP RLFDVTMALC VEMLISGKLA KDDAEARAKL QAVLDNGKAA EVFGRMVAAQ KGPTDFVENY AKYLPTAMLT KAVYADTEGF VSEMDTRALG MAVVAMGGGR RQASDTIDYS VGFTDMARLG DQVDGQRPLA VIHAKDENSU QEAACKAVKAA IKLADKAPES TPTVYRRISE
Source	E.coli
Target Names	deoA
Protein Names	Recommended name: Thymidine phosphorylase EC= 2.4.2.4 Alternative name(s): TdRPase
Expression Region	1-440
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.