



Recombinant Escherichia coli O6:K15:H31 Dihydroorotate dehydrogenase (quinone) (pyrD)

Product Code	CSB-EP604250EGY
Abbreviation	pyrD
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.	Q0TJB6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MYYPFVRKAL FQLDPERAHE FTFQQLRRIT GTPFEALVRQ KVPAKPVNCM GLTFKNPLGL AAGLDKDGEC IDALGAMGFG SIEIGTVTPR PQPGNDKPRL FRLVDAEGLI NRMGFNNLGV DNLVENVKKA HYDGVLGINI GKNKDTPVEQ GKDDYLICME KIYAYAGYIA INISSPNTPG LRTLQYGEAL DDLLTAIKNK QNDLQVMHHK YVPIAVKIAP DLSEEELIQV ADLVRHNID GVIATNTTLD RSLVQGMKNC DQTGGLSGRP LQLKSTEIIR RLSQELNGRL PIIGVGGIDS VIAAREKIAA GASLVQIYSG FIFKGPPLIK EIVTHI
Source	E.coli
Target Names	pyrD
Protein Names	Recommended name: Dihydroorotate dehydrogenase (quinone) EC= 1.3.5.2 Alternative name(s): DHodehase Short name= DHOD Short name= DHODase Dihydroorotate oxidase
Expression Region	1-336
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.