



Recombinant Dihydroorotase (pyrC)

Product Code	CSB-EP716781SMZ-B
Abbreviation	pyrC
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.	Q5XCK2
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MILIKNGRVM DPKSQRDQVA DVLIDGKQIV KIASAIECQE AQVIDASGLI VAPGLVDIHV HFREPGQTHK EDIHTGALAA AAGGVTTVVM MANTNPVISD VETLQEVLAS AAKEKIHIT NASVTQAFNG KDVTDFKALL EAGAVSFSDD GIPLESSKVL KEAFDLANAN QTFISLHEED PQLNGVLGFN EGIAEEHFHF CGATGVAEYS MIARDVMIAY DRQAHVHIQH LSKAESVQVV AFAQQLGAKV TAEVSPQHFS TTEDLLLTAG TSAKMNPPLR TQRDR LAVIE GLKSGVITVI ATDHAPHHKD EKA VDDMTKA PSGMTGLETS LSLGLTHLVE PGHLTLMSLL EKMTLNPALL YGFDAGYLAE NGPADLVIFA DKQERLITEN FASKASNSPF IGNKLKGVVK YTIADGEVVY PN
Source	E.coli
Target Names	pyrC
Protein Names	Recommended name: Dihydroorotase Short name= DHOase EC= 3.5.2.3
Expression Region	1-422
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.