



Recombinant Glyoxylate carboligase (gcl)

Product Code	CSB-YP365177EOD
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.	P0AEP8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	AKMRAVDAA MYVLEKEGIT TAFGVPGA AI NPFYSAMRKH GGIRHILARH VEGASHMAEG YTRATAGNIG VCLGTSGPAG TDMITALYSA SADSIPILCI TGQAPRARLH KEDFQAVDIE AIAKPVSKMA VTVREAALVP RVLQQAFHLM RSGRPGPVLV DLPFDVQVAE IEFDPDMYEP LPVYKPAASR MQIEKAVEML IQAERPVIVA GGGVINADAA ALLQQFAELT SVPVIPTLMG WGCIPDDHEL MAGMVGLQTA HRYGNATLLA SDMVFGIGNR FANRHTGSVE KYTEGRKIVH IDIEPTQIGR VLCPDLGIVS DAKAALTLLV EVAQEMQKAG RLPCRKEWVA DCQQRKRTLL RKTHFDNVPV KPQRVYEEMN KAFGRDVCYV TTIGLSQIAA AQMLHVFKDR HWINCGQAGP LGWTIPAALG VCAADPKRNV VAISGDFDFQ FLIEELAVGA QFNIPYIHVL VNNAYLGLIR QSQRAFDMDY CVQLAFENIN SSEVNGYGVD HVKVAEGLGC KAIRVFKPED IAPAFEQAKA LMAQYRVPVV VEVILERV TN ISMGSELDNV MEFEDIADNA ADAPTETCFM HYE
Source	Yeast
Target Names	gcl
Protein Names	Recommended name: Glyoxylate carboligase EC= 4.1.1.47 Alternative name(s): Tartronate-semialdehyde synthase
Expression Region	2-593
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 of Mature 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.