



Recombinant *Pantoea ananas* Phytoene dehydrogenase (crtl)

Product Code	CSB-EP324241ERA-B
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.	P21685
Product Type	Recombinant Protein
Immunogen Species	<i>Pantoea ananas</i> (<i>Erwinia uredovora</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MKPTTVIGAG FGGLALAIRL QAAGIPVLLL EQRDKPGGRA YVYEDQGFTF DAGPTVITDP SAIEELFALA GKQLKEYVEL LPVTPFYRLC WESGKVFNYD NDQTRLEAQI QQFNPRDVEG YRQFLDYSRA VFKEGYLKLK TVPFLSFRDM LRAAPQLAKL QAWRSVYSKV ASYIEDEHLR QAFSFHSLLV GGNPFATSSI YTLIHALERE WGVWFPRGGT GALVQGMIKL FQDLGGEVVL NARVSHMETT GNKIEAVHLE DGRRFLTQAV ASNADVHTY RDLLSQHPAA VKQSNKLQTK RMSNSLFVLY FGLNHHHDQL AHHTVCFGPR YRELIDEIFN HDGLAEDFSL YLHAPCVTDS SLAPEGCGSY YVLAPVPHLG TANLDWTVEG PKLRDRIFAY LEQHYMPGLR SQLVTHRMFT PFDFRDQLNA YHGSAFSVEP VLTQSAWFRP HNRDKTITNL YLVGAGTHPG AGIPGVIGSA KATAGLMLED LI
Source	E.coli
Target Names	crtl
Protein Names	Recommended name: Phytoene dehydrogenase EC= 1.14.99.- Alternative name(s): Phytoene desaturase
Expression Region	1-492
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.