



Recombinant Phosphogluconate dehydratase (edd)

Product Code	CSB-EP364968EOD
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.	P0ADF7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MNPQLLRVTN RIIERSRETR SAYLARIEQA KTSTVHRSQL ACGNLAHGFA ACQPEDKASL KSMLRNIAI ITSYNDMLSA HQPYEHYPEI IRKALHEANA VGQVAGGVPA MCDGVTQGGQD GMELSLLSRE VIAMSAAVGL SHNMF DGALF LGVCDKIVPG LTMAALSFGH LPAVFPVSGP MASGLPNKEK VRIRQLY AEG KVDRMALLEE EAASYHAPGT CTFYGTANTN QMVVEFMGMQ LPGSSFVHPD SPLRDALTA AARQVTRMTG NGNEWMPIGK MIDEKVVVNG IVALLATGGS TNHTMHLVAM ARAAGIQINW DDFS DLSDVV PLMARLYPNG PADINHFQAA GGVPVLVREL LKAGLLHEDV NTVAGFGLSR YTLEPWLNNG ELDWREGAEK SLDSNVIASF EQPF SHHGGT KVLSGNLGRA VMKTSAPVPE NQVIEAPAVV FESQHDVMPA FEAGLLDRDC VVVVRHQGPK ANGMPELHKL MPPLGVLLDR CFKIALVTDG RLSGASGKVP SAIHVTPEAY DGGLLAKVRD GDIIRVNGQT GELTLLVDEA ELAAREPHIP DLSASRVGTG RELFSALREK LSGAEQGATC ITF
Source	E.coli
Target Names	edd
Protein Names	Recommended name: Phosphogluconate dehydratase EC= 4.2.1.12 Alternative name(s): 6-phosphogluconate dehydratase
Expression Region	1-603
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.