



Recombinant 6-phosphogluconate dehydrogenase, decarboxylating (gnd)

Product Code	CSB-EP339867SZB-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.	P37756
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MSKQQIGVVG MAVMGRNLAL NIESRGYTVS IFNRSREKTE EVIAENPGKK LAPYYTVKEF VESLETPRRI LLMVKAGAGT DAAIDSLKPY LDKGDIIDG GNTFFQDTIR RNRELSAEGF NFIGTGVSSG EEGALKGPSI MPGGQKEAYE LVAPILTKIA AVAEDGEPCV TYIGADGAGH YVKMVHNGIE YGDMQLIAEA YSELLKGGNL SNEELAQTFT EWNNGELSSY LIDITKDIFT KKDEDGNYLV DVILDEAANK GTGKWTSQSA LDLGEPLSLI TESVFARYIS SLKDQRVAAS KVLSGPQAQS AGDKAEFIEK VRSALYLGKI VSYAQGFSQL RAASEEYNWD LNYGEIAKIF RAGCIIRAQF LQKITDAYAE NPQIANLLLA PYFKQIADDY QQALRDVVAY AVQNGIPVPT FAAAVAYYDS YRAAVLPANL IQAQRDYFGA HTYKRIDKEG VFHTEWLD
Source	E.coli
Target Names	gnd
Protein Names	Recommended name: 6-phosphogluconate dehydrogenase, decarboxylating EC= 1.1.1.44
Expression Region	1-468
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.