



Recombinant 6-phosphogluconate dehydrogenase, decarboxylating (6-PGD)

Product Code	CSB-BP525300DZN
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.	O60037
Product Type	Recombinant Protein
Immunogen Species	Cunninghamella elegans
Purity	>85% (SDS-PAGE)
Sequence	MVEAVADIGL IGLAVMGQNL ILNMNDHGFV VCAYNRTTSK VDDFLANEAK GTVVGAHSV EELCAKLRP RKVMLLVKAG SAVDAFIDQL LPHLEEGDII IDGGNSHFPD SIRRTKELEA KGILFVGSGV SGGEEGARYG PSLMPGGNSK AWEHIQPIFQ AIAAKAPDGA SCCEWVGETG AGHYVKMVHN GIEYGDMQLI TEVYQILHEG LGLSHDEMAD IFEEWNKGD L DSFLIEITRD ILRFKDTDGQ PLVTKIRD TA GQKGTGKWT A IDSLDRGIPV TLIGEAVYSR CLSSLKDERV RASKILQG PS SSKFTGDKKT FIAQLGQALY AAKIVSYAQQ YMLMRQA AKD YEWKLNNAGI ALMWRGGCII RSVFLGKIRD AYTKNPELEN LLDFFFKDA TAKAQDAWRN VTAQAVLMGI PTPALSTALN FYDGLRHEIL PANLLQAQRD YFGAHTYELL HTPGKWWHTN WTGRGGNVSA STYDA
Source	Baculovirus
Target Names	6-PGD
Protein Names	Recommended name: 6-phosphogluconate dehydrogenase, decarboxylating EC= 1.1.1.44
Expression Region	1-485
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.