



# Recombinant Zea mays Protein disulfide-isomerase (PDI)

<b>Product Code</b>	CSB-EP017342ZAX
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P52588
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zea mays (Maize)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>EEEPAAA AEGEAVLTLD VDSFDEAVAK HPFMVVEFYA PWCGHCKKLA  PEYENAAKAL SKHDPPIVLA KVDANEEKNR PLATKYEIQQ FPTIKIFRDR  GKNIQEYKGP READGIVDYL KKQVGPASKE IKSPEDATAL IDDKKIYIVG  IFAEFSGTEF TNFMEVAEKL RSDYDFGHTL HANHLPRGDA AVERPLVRL  KPFDELVVDS KDFDVAALMK FIDASTIPRV VTFDKNPDNH PYLMKFFQSS  APKAMLFLNF STGPFDSFKS AYSAAAEFEK DKEIKFLIGD IEASQGAFQY  FGLKEDQTPL ILIQDGDSKK FLKVHVEADQ IVAWLKEYFD GKLTPFRNSE  PIPEVNNPEV KVVVADNVHD FVFKSGKNVL IEFYAPWCGH CKKLAPILDE  AATTLQSDEE VVIKMDATA NDVPSEFDVQ GYPTLYFVTP SGKVTSYDSG  RTADDIVDFI KSKETAAPH HHHHPGATGI REGSRAEPVK DEL</p>
<b>Source</b>	E.coli
<b>Target Names</b>	PDI
<b>Protein Names</b>	Recommended name: Protein disulfide-isomerase Short name= PDI EC= 5.3.4.1
<b>Expression Region</b>	24-513
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.