



Recombinant Arabidopsis thaliana PsbP domain-containing protein 5, chloroplastic (PPD5)

Product Code	CSB-YP305993DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P82715
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	HAE EDVKMSGEEL KMGTMVDDIN AYSYAYPLDY PSEKLVFKWV ESRKPERYSS AAPLSPDARL RIVSERVDLT DNLVISISIG PPNSRLTSKE KKTWSAKEVA DSVLSDKSAL RVTSSQRLEE SSVLDAHASD IDGEPYWYYE YLVRKSPTKI AEASKLYRHY ISSTAERDGY LYTINASTLG KQWDKMGPVL ERAVGSFRLP PPTDSYVPPY KDPWRFW
Source	Yeast
Target Names	PPD5
Protein Names	Recommended name: PsbP domain-containing protein 5, chloroplastic Alternative name(s): OEC23-like protein 6 PsbP-related thylakoid lumenal protein 4 Thylakoid lumenal 35.8 kDa protein
Expression Region	78-297
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 of Mature 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.