



Recombinant Arabidopsis thaliana Thylakoid lumenal 29 kDa protein, chloroplastic (TL29)

Product Code	CSB-EP306985DOA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P82281
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	ADLNQRRQ RSEFQSKIKI LLSTTIKAKP ELVPSLLKLA LNDAMTYDKA TKSGGANGSI RFSSSELSRAE NEGLSDGLSL IEEVKKEIDS ISKGGPISYA DIIQLAGQSA VKFTYLASAI RKCGGNEEKG NLLYTAYGSA GQWGLFDRNF GRSDATEADP EGRVPQWGKA TVQEMKDKFI AVGLGPRQLA VMSAFLGPDQ AATEQLLATD PQVAPWVQKY QRSRETVSQT DYEVDLITAF TKLSCLGQQI NFEAYTYPVE RINLSKLLK
Source	E.coli
Target Names	TL29
Protein Names	Recommended name: Thylakoid lumenal 29 kDa protein, chloroplastic Short name= TL29 EC= 1.-.- Alternative name(s): AtAPx07 P29 Probable L-ascorbate peroxidase 4
Expression Region	83-349
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.