



Recombinant Arabidopsis thaliana Calcium-dependent protein kinase 31 (CPK31)

Product Code	CSB-EP882800DOA-B
Abbreviation	CPK31
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.	Q9S9V0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	GCYSSKNLK QSKRTILEKP FVDIGKVYIL GDELGQQQFG ITRKCVKETS GKTYACKTIL KTNLKSREDE EAVKREIRIM KHLSGEPNIV EFKKAYEDRD SVHIVMEYCG GGELFKKIEA LSKDGKSYSE KEAVEIIRPI VNVVKNCHYM GVMLRDLKPE NFLLSSTDKN ATVKAIDFGC SVFIEEGEVH RKFAGSAYYI APEVLQGKYG KEADIWSAGI ILYILLCGKP PFVTEPEAQM FSEIKSAKID VDSESWKFID VKAKHLVNRM LNRNPKERIS AAEVLGHPWM KDGEASDKPI DGVVLSRLKQ FRDMNKLKKV ALKVIAANLS EEEIKGLKTL FTNIDTDKSG TITLEELKTG LTRLGSNLSK TEVEQLMEAA DVDGNGTIDI DEFISATMHR YRLDRDDHVY QAFQHFDKDN DGHITKEELE MAMKEHGVGD EVSIKQIITE VDTDNDGKIN FEEFRTMMRS GSSLQPQREL LPIK
Source	E.coli
Target Names	CPK31
Protein Names	Recommended name: Calcium-dependent protein kinase 31 EC= 2.7.11.1
Expression Region	2-484
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.