



Recombinant Arabidopsis thaliana Peptidyl-prolyl cis-trans isomerase FKBP43 (FKBP43)

Product Code	CSB-EP515264DOA-B
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.	F4J9Q6
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MAFWGVEVKP GKTFTLKNNE ATGIRRLHLS QATLGHGTAT NRSILQCNVG NKSPLLLCVL TPKVDSCQL NLEFEETDEV IFSVIGPRSV HLTGYFLGRS TGFRPNDDDES ESFGEDIVDT DMEKGSSDDY DYSDSFINDD DPAVRGSHVS STDDDEISIK EMTAKTKEKK KNGKGRRLRK KFQVSDSDSD ETSARADESS NEDSVEVLNN GNEPKIAKVH SSESPLPSRV TRSKARKSTL ESGEPAKCEK TFEAKINTHK TLDNREDKPL DDAKLSPVQK DCEILSKKKR NKERSKSSAI IIDSDDGEGK NMPESLQEN PVSDKGIKSS SDVLLSQNGD ATLSKSKKKR DRREETDVP ECPEKKKQAI DKNIEKEAGT KKPLETRTLS NGVIIEDIEK GKLDGKSAVK GKKVSILYTG KLKDTGNLFD SNLGEDPLRF RLGGENVIEG LSIGVEGMRV GDKRRLIPP ALGYSKRGLK EKVPKSAWLV YEVEAVKIR
Source	E.coli
Target Names	FKBP43
Protein Names	Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP43 Short name= PPIase FKBP43 EC= 5.2.1.8 Alternative name(s): FK506-binding protein 43 Short name= AtFKBP43 Immunophilin FKBP43 Rotamase
Expression Region	1-499
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.