



Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At4g16470 (PCMP-E12), partial

Product Code	CSB-EP517810DOA-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.	O23491
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MKTLISSLS HKSQCLTICF KLNKLAMVYY TREFQTEASQ TSASGSMFSG NATTILRRML AEKRIGRFQV ENQRKTEKLD KTLKGLCVTG RLKEAVGLLW SSGLQVEPET YAVLLQECKQ RKEYTKGKRI HAQMFVVGFA LNEYLKVKLL ILYALSGDLQ TAGILFRSLK IRDLIPWNAM ISGYVQKGLE QEGLFIYYDM RQNRIVPDQY TFASVFRACS ALDRLEHGKR AHAVMIKRCI KSNIIVDSAL VDMYFKCSSF SDGHRVFDQL STRNVITWTS LISGYGYHGK VSEVLKCFEK MKEEGCRPNP VTFLVLTAC NHGGLVDKGW EHFYSMKRDY GIEPEGQHYA AMVDTLGRAG RLQEAYEFVM KSPCKEHPPV WGSLLGACRI HGNVKLLELA ATKFLELDPT NGGNYVVFAN GYASCGLREA ASKVRKRMEN AGVKKDPGYS QIELQGEVHR FMKDDTSHRL SEKIYKKVHE MTSFFMDIDY YPDGLDSSCP V
Source	E.coli
Target Names	PCMP-E12
Protein Names	Recommended name: Pentatricopeptide repeat-containing protein At4g16470
Expression Region	1-501
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	Partial
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.