



# Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At1g06580 (At1g06580)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP865883DOA  |
| <b>Abbreviation</b>      | At1g06580  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q9SHK2   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Arabidopsis thaliana (Mouse-ear cress)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MRRSIVIVIA LTAKGFLHRH LLEKGNLVTA LSLRICNSRA FSGRSDYRER<br>LRSGLHSIKF NDALTLFCDM AESHPLPSIV DFSRLIIAIA KLNKYEAVIS<br>LFRHLEMLGI SHDLYSFTTL IDCFCRCARL SLALSCLGKM MKLGFEPSIV<br>TFGSLVNGFC HVNRFYEAMS LVDQIVGLGY EPNVVIYNTI IDSLCEKGQV<br>NTALDVLKHM KKMGIKRPDVV TYNSLITRLF HSGTWGVSAR ILSDMMRMGI<br>SPDVITFSAL IDVYGKEGQL LEAKKQYNEM IQRSVNPNIV TYNSLINGLC<br>IHGLLDEAKK VLNVLVSKGF FPNVAVTYNTL INGYCKAKRV DDGMKILCVM<br>SRDGVVDGDTF TYNTLYQGYC QAGKFSAAEK VLGRMVSCGV HPDMYTFNIL<br>LDGLCDHGKI GKALVRLEDL QKSKTVVGII TYNIIKGLC KADKVEDAWY<br>LFCSLALKGV SPDVITYITM MIGLRRKRLW REAHELYRKM QKEDGLMPIK |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | At1g06580  |
| <b>Protein Names</b>     | Recommended name: Pentatricopeptide repeat-containing protein At1g06580  |
| <b>Expression Region</b> | 1-500  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.  |
| <b>Shelf Life</b>        | 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.