

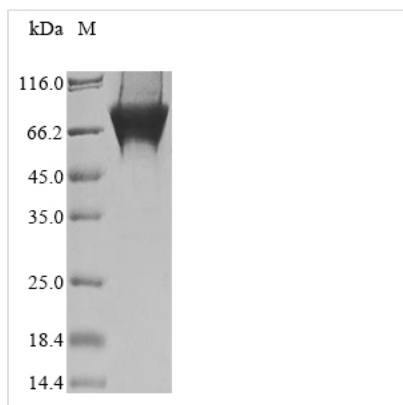


Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At3g42630 (At3g42630)

Product Code	CSB-EP885519DOA
Abbreviation	Recombinant Mouse-ear cress Pentatricopeptide repeat-containing protein At3g42630 protein
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.	Q9M2A1
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Proteins
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MLSLNLSLK PQHLKLLSCYTDSSAPSI AKKLIKESKLSRDFSQKIQIVDYAPLVQT LSQRRLPDVAHEIFLQTKSVNLLPNYRTL CALMLCFAENG FVLRARTIWDEIINS CFVPDVFVSKLISAYEQFGCFDEVAKITKDVAARHSKLLPVVSSLAISCFGKN GQLELMEGVIEEMDSKGVLLAEATANVIVRYYSFFGSLDKMEKAYGRVKKFGI VIEEEEIRAVVLAYLKQRKFYRLREFLSDVGLGRRNLGNMLWNSVLLSYAADFK MKSLQREFIGMLDAGFSPDLTTFNIRALAFSRMALFWDLHLTLEHMRRLNIVPD LVTFGCVVDAYMDKRLARNLEFVYNRMNLDDSPVLVLTDP LAFEVLGKGDFHLS SEAVLEFSPRKNW TYRKLIGVYLKKKLRRDQIFWNY
Research Area	Others
Source	E.coli
Target Names	At3g42630
Protein Names	Recommended name: Pentatricopeptide repeat-containing protein At3g42630
Expression Region	1-415aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal MBP-tagged and C-terminal 6xHis-tagged
Mol. Weight	91.5 kDa
Protein Length	Full Length



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.