



Recombinant Arabidopsis thaliana Twinkle homolog protein, chloroplastic/mitochondrial

Product Code	CSB-EP7209DOAb1
Abbreviation	Recombinant Mouse-ear cress T5I8.13 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.	B5X582
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, pH 8.0.
Product Type	Recombinant Arabidopsis thaliana Twinkle homolog protein, chloroplastic/mitochondrial
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Sensitivity	Not Test
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	CSMSVLMGSKQFLEFCLLP SFASYPSSPSYSSSRQVSSVSRRFRPVLASRPV SKNSPYQRTNGLSSYNSIPRVPTPVDTEVEADKRVVLSRLVTLRRKLAEQGV DAENCPPGQHSGLICPTCEGGNSGEKSLSLFIAPDGSSATWNCFRGKCGLGK GVRADGGLASADPIEKVERKITVEGIELEPLCDEIQDYFAARAI SRKTLERNRVM QKRIGDEIVIAFTYWQRGELV SCKYRSLTKMFFQERKTRRILYGLDDIEKTSEVII VEGEIDKLAMEEAGFLNCVSPD GAPAKVSSKEIPSEDKDTKYKFLWNCNDYL KKASRIVIATDGDGPGQAMAE EIARRLGKERCWRVKWPKKSEDEHFKDANEV LMSKGP HLLKEA ILDAEPYPILGLFSFKDFFDEIDAYYDRTHGHEYGVSTGWKN LDNLYSVVPGELTVVTGIPNSGKSEWIDAMLCNLNHSVGWKFALCSMENKVR DHARKLLEKHIKKPFFDADYGRSVQRM SVEEKDEGKKWLNDTFYPIRCMDS LPSIDWVLERAKAAV LRYGIRGLVIDPYNELDHQRTPRQTET EYVSQMLTKIKR FSQHHSCHVWFVAHPKQLQHWDGGAPNLYDISGSAHFINKCDNGIIVHRNRD ENAGPLDLVQIGVRKVRNKVAGQIGDAYLCYDRTTGSYS DSPVTPGMPERRS PKRY
Research Area	Others
Source	E.coli
Target Names	N/A
Expression Region	17-709aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

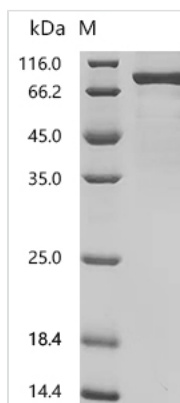


Tag Info N-terminal 10xHis-tagged and C-terminal Myc-tagged

Mol. Weight 83.4 kDa

Protein Length Full Length of Mature Protein

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.