



Recombinant Arabidopsis thaliana Elongation factor Tu, chloroplastic (TUFA)

Product Code	CSB-YP322960DOA
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.	P17745
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AAR GKFERKKPHV NIGTIGHVDH GKTTTLTAALT MALASIGSSV AKKYDEIDAA PEERARGITI NTATVEYETE NRHYAHVDCP GHADYVKNMI TGAAQMDGAI LVVSGADGPM PQTKEHILLA KQVGVPMVV FLNKEDQVDD AELLELVELE VRELLSSYEF NGDDIPIISG SALLAVETLT ENPKVKRGDN KWVDKIYELM DAVDDYIPIP QRQTELPFLL AVEDVFSITG RGTVATGRVE RGTVKVGETV DLVGLRETRS YVTGVEMFQ KILDEALAGD NVGLLLRGIQ KADIQRGMVL AKPGSITPHT KFEAIYVLK KEEGGRHSPF FAGYRPQFYM RTTDVTGKVT KIMNDKDEES KMVMPGDRVK IVVELIVPVA CEQGMRF EGGKTVGAGV IGFILE
Source	Yeast
Target Names	TUFA
Protein Names	Recommended name: Elongation factor Tu, chloroplastic Short name= EF-Tu Alternative name(s): Ras-related protein RABE1b Short name= AtRABE1b Ras-related protein Rab8D Short name= AtRab8D
Expression Region	68-476
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 of Mature 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.