



Recombinant Arabidopsis thaliana Acyl-coenzyme A oxidase 4, peroxisomal (ACX4)

Product Code	CSB-EP856861DOA-B
Abbreviation	ACX4
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.	Q96329
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MAVLSSADRA SNEKKVKSSY FDLPPMEMSV AFPQATPAST FPPCTSDYYH FNDLLTPEEQ AIRKKVRECM EKEVAPIMTE YWEKAEFPFH ITPKLGAMGV AGGSIKGYGC PGLSITANAI ATAEIARVDA SCSTFILVHS SLGMLTIALC GSEAQKEKYL PSLAQLNTVA CWALTEPDNG SDASGLGTTA TKVEGGWKIN GQQRWIGNST FADLLIIFAR NTTTTNQINGF IVKGDAPGLK ATKIPNKIGL RMVQNGDILL QNVFVPEDDR LPGVNSFQDT SKVLAVSRVM VAWQPIGISM GIYDMCHRYL KERKQFGAPL AAFQLNQQKL VQMLGNVQAM FLMGWRLCKL YETGQMTPGQ ASLGKAWISS KARETASLGR ELLGGNGILA DFLVAKAFCD LEPIYTYEGT YDINTLVTGR EVTGIASF KP ATRSRL
Source	E.coli
Target Names	ACX4
Protein Names	Recommended name: Acyl-coenzyme A oxidase 4, peroxisomal Short name= AOX 4 EC= 1.3.3.6 Alternative name(s): G6p Short-chain acyl-CoA oxidase Short name= AtCX4 Short name= AtG6 Short name= SAOX
Expression Region	2-436
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.