1-aminocyclopropane-1-carboxylate oxidase 4 (ACO4) Recombinant Protein | ACO4 recombinant protein

Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate oxidase 4 (ACO4)

CATALOG #	HOST
AAA115933	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

1-aminocyclopropane-1-carboxylate oxidase 4 (ACO4); Recombinant Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate oxidase 4 (ACO4); ACO4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-323, Full length protein
Sequence	MESFPIINLE KLNGEERAIT MEKIKDACEN WGFFECVNHG ISLELLDKVE KMTKEHYKKC MEERFKESIK NRGLDSLRSE VNDVDWESTF YLKHLPVSNI SDVPDLDDDY RTLMKDFAGK IEKLSEELLD LLCENLGLEK GYLKKVFYGS KRPTFGTKVS NYPPCPNPDL VKGLRAHTDA GGIILLFQDD KVSGLQLLKD GEWVDVPPVK HSIVVNLGDQ LEVITNGKYK SVEHRVLSQT DGEGRMSIAS FYNPGSDSVI FPAPELIGKE AEKEKKENYP RFVFEDYMKL YSAVKFQAKE PRFEAMKAME TTVANNVGPL ATA
Sequence Length	323
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15220386
NCBI GeneID	839345
NCBI Accession #	NP_171994.1
NCBI GenBank Nucleotide #	NM_100380.4
UniProt Accession #	Q06588; Q94K94; Q9S9K8
Molecular Weight	36,677 Da
NCBI Official Full Name	ethylene-forming enzyme
NCBI Official Symbol	EFE
NCBI Official Synonym Symbols	1-AMINOCYCLOPROPANE-1-CARBOXYLATE OXIDASE; ACO4; EAT1; ethylene forming enzyme; ethylene-forming enzyme; ETHYLENE-FORMING ENZYME; T7A14.12; T7A14_12
NCBI Protein Information	ethylene-forming enzyme
UniProt Protein Name	1-aminocyclopropane-1-carboxylate oxidase 4
UniProt Gene Name	**ACO4**

UniProt Synonym Gene Names	ACO1; EAT1; ACC oxidase; EFE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/aco4-recombinant-protein-e-coli/115933