

Recombinant Full Length Arabidopsis Thaliana Alternative Oxidase 1A, Mitochondrial(Aox1A) Protein, His-Tagged

Cat. No. RFL18525AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Alternative oxidase 1a, mitochondrial(AOX1A) Protein (Q39219) (63-354aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (63-354)
Form	Lyophilized powder
AA Sequence	ASTITLGEKTPMKEEDANQKKTENESTGGDAAGGNNKGDKGIASYWGVEPNKITKE DGSE WKWNCFRPWETYKADITIDLKHHVPTTFLDRIAYWTVKSLRWPTDLFFQRR YGCRAAMML ETVAAVPGMVGGMLLHCKSLRRFEQSGGWIKALLEEAENERMHLMT FMEVAKPKWYERAL VITVQGVFFNAYFLGYLISPKFAHRMVGYLEEEAIHSYTEFLK ELDKGNIENVPAPAIAI DYWRLPADATLRDVVMVVRADAEAHHRDVNHFASDIHYQG RELKEAPAPIGYH
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	AOX1A
Synonyms	AOX1A; AOX1; HSR3; At3g22370; MCB17.11; Ubiquinol oxidase 1a, mitochondrial; Alternative oxidase 1a
UniProt ID	Q39219

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA