Recombinant Full Length Arabidopsis Thaliana Long-Chain-Alcohol Oxidase Fao3(Fao3) Protein, His-Tagged

Cat. No. RFL21816AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Long-chain-alcohol oxidase FAO3(FAO3) Protein (Q9LW56) (1-746aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-746)
Form	Lyophilized powder
AA Sequence	MDKYKVAGKFGLPDITVAEMESLASFCEAVLPSVQPPPEELSGEGDNHRNKEALRS FYST SGSKTPVLRQSIELVTKRGTIEAYIATRLILFLLATRLGTLLICGTECLVSRWPFV EKFS ELSLEKRERVLQKQFKNWILTPIRAAFVYIKVAFLFCFFSRVNPNGENPAWEAI GYRVNP DENKPSETHNERPLEKGIVETMEETEQTLLESLAHKGLEAVLDTEHDAIRI KCDVVVVGS GSGGGVAASVLAKSGLKVVVLEKGSYFTPSEHRPFEGPGLDKLYEN GGILPSVDGSFMVL AGATVGGGSAVNWSACIKTPKSVLQEWSEDQNIPLFGTKEYL TAMEVVWKRMGVTEKCEL ESFQNQILRKGCENLGFNVENVPRNSSESHYCGSCG YGCRQGDKKGSDRTWLVDAVGHGA VILTGCKAERFILEKNGSNKGGKQMKCLGV MAKSLNGNIAKMLKIEAKVTVSAGGALLTP PLMISSGLRNRNIGKNLHLHPVLMAWG YFPDKESSNISFKGNSYEGGIITSVSKVLSEDS EVRAIIETPQLGPGSFSVLTPWTSG LDMKKRMARYSRTASLITIVRDRGSGEVKTEGRIN YTVDKTDRDNLKAGLRESLRILI

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	AAGAEEVGTHRSDGQRLICKGVNENSIQEFLDSVSTE EGAKGMTEKWNVYSSAHQ MGSCRIGENEKEGAIDLNGESWEAEKLFVCDASALPSAVGVN PMITVMSTAYCIST RIAKSMTTGLSH
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.
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	FAO3
Synonyms	FAO3; At3g23410; MLM24.14; MLM24.23; Long-chain-alcohol oxidase FAO3; Long-chain fatty alcohol oxidase 3
UniProt ID	Q9LW56

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