

Recombinant Full Length Arabidopsis Thaliana Long-Chain-Alcohol Oxidase Fao4B(Fao4B) Protein, His-Tagged

Cat. No. RFL30916AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Long-chain-alcohol oxidase FAO4B(FAO4B) Protein (Q94BP3) (1-748aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-748)
Form	Lyophilized powder
AA Sequence	MEDVRRRRNRGHPLLRSKKRGEGYNHGFSPSQIQSLAVICQTFLLPETTSEQQAVNS FHVA SSTQPPFTDEVAEMIVKNGRSEAVKVLRIILMILSFRFGTLLLCGSLCLDKSWP FVLKFS QLPLDKREAILRNWSRQSGFLLPFRITFFLAKFYTLFYFFSQTDENLKNPAL EAIGYCID GTERSSNKKSEADEKRRPLEKGIIETMHESDVTITQSLTEKGVHVARDD GDNVYRIRCDV VVGSGSGGGVAAANLAKAGLKVLVLEKGNFYTAHDYSGLEVPS MLELYEKGGLLTVDG KFMLLAGSAVGGGTAVNWSASIRTPDHVLQEWSEGSKIIF FGSQEYQSAMDEVTIRIGVT ERCVKHGFQNVLRKGCERLGLQVESVPRNSPEDH YCGLCGYGCRAGAKNGTDQTWLVDA VENGAVILTGIAERFVLVDNTSSNERKK RCVGVFASSVGGKIGKKFIIEARVTVSSAG SLLTPPLMLSSGLKNPNIGRNKLHPVL MTWGYFPEKDSEFSGKMYEGGIITSVHHMNDT ESGCKAILENPLIGPASYAGLSPW VSGPDLKERMICYGRTAHLFALVRDLGSGEVMMENE VTYRTTKKDRENLRAGLRQ

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ALRVSAAGAVEVGTYRSDGQMKCEAITKEAMEEFLDEVD AVGGVGTKGEYWTT
YFSAHQMGSCRMGVTAEEGALDENGESWEAEGLFVCDGSILPSAVG VNPMITIQS
TAYCISSKIVDSLQNKTKV

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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name FAO4B

Synonyms FAO4B; At4g28570; T5F17.20; Long-chain-alcohol oxidase FAO4B; Long-chain fatty alcohol oxidase 4B

UniProt ID [Q94BP3](#)

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