

Recombinant Full Length Long-Chain-Alcohol Oxidase Fao1(Fao1) Protein, His-Tagged

Cat. No. RFL13933LF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Long-chain-alcohol oxidase FAO1(FAO1) Protein (B5WWZ8) (1-749aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Lotus japonicus (Lotus corniculatus var. japonicus)
Source	E.coli
ProteinLength	Full Length (1-749)
Form	Lyophilized powder
AA Sequence	MRKECHPLLRGGRKDNKFRQGFSSSEMESLASICEVILPPLPMDALKIKKHDDVSIE DVE FFWNTSASHYPIPHEVAEILSKRSLIEAVILIRVVLWLLATRLGTFLLCGLLCFSEK WPF INNFSMSLKKRERVMQWWLKNRFITPIRLAFAYLKVLCLFAYFTWVDENGDN PAWKAIG YEVSADKLPNSSNGRLLLEKGIVETMHETNSTLQQSLTEKGLNVTLDSR NNILKVKCDAI VVGSGCGGGVAASVLSGAGHKVVVLEKGNYPAPRDYSSLEGPSM DQLYETGGILASVDSR ILLLAGSTVGGGSAVNWSACIKTPHEVLKEWSENHNLSLFS TSEYLSAMETVCERIGVTE SCTHEGFQNQVLRKGCQNLGLKVDYVPRNSSGNHFC GSCGYGCPKGEKQGTQDTWLVDV ENGAVIITGCKAERFLENNRNGSGRKKKCL GVLAKALSSRVTMKLQIEAKVTISAGGAL LTPPLMISSGLKNKNIGKNLHLHPVLMTW GYFPESTSELKGKIFEGGIITSVHKVPSRDS NSYSDTRAIETPSLPGGSFASLCPWE SGLDFKERMLNYPRTAHLITIIRDKACGQVTTE GRVSYKLSAFDKENMKCGLQQUALR ILKAAGAVEVGTHRSDGQRVKCGEVSENEMAEFIDS VCPMEGALSPGENWNIYTSA

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	HQMGSCRMGMNEKEGAVDENGESWEAQGLFVCDASLLPTA VGVNPMITIQTSTAY CISNRVVDYLKRDQI
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	FAO1
Synonyms	FAO1; Long-chain-alcohol oxidase FAO1; Long-chain fatty alcohol oxidase 1
UniProt ID	B5WWZ8