

Recombinant Full Length *Mortierella Alpina* Palmitoyltransferase Akr1 Protein, His-Tagged

Cat. No. RFL29120MF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length <i>Mortierella alpina</i> Palmitoyltransferase AKR1 Protein (Q9UVH3) (1-559aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Mortierella alpina</i> (Oleaginous fungus) (<i>Mortierella renispora</i>) |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length (1-559) |
| Form | Lyophilized powder |
| AA Sequence | <p>DPMLQDSQGFNALHLATHSSNAMLVLYLLMAGEMPVDTADTLGHTSLMWAAYQGD SLSVQ ILLKHGARVDTKDREGFTPLHWAVVKGNRECLSKILMAGADIKAGDKSGKT PVDMIKELK GTMIWDKALSDAKLSSDGQTRRTPFDKLMVLPWYIALPLAVAQFLFG HIGAIKFLLRTR TPNMLQTPYYTAVFQSTAFWVGFVWLRVLLGNTSHLLWMNIAFF VGYTSALYFFYGAVM ADPGWTKANSSYESQREAVVQMADRGLLDARHFCVSCIAQ RPLRSKHCKFCNRCVAKFDH HCPWIYNCIGAKNHRAFLIFLALFLSSVPIYAYLSFEY LHVLSPSYVPVSSDPCLLGDTL CGYFQYDAFTTTLAFWSLQMTWPGLLFLVQLYQ VGQAKTTNEAMNFQRHSYLGKSMTIR QRILRSLTEIDSEMAGAGHPLQEESINLLEA NGTATNDEDEVTLFAQEESKPVGFGDHEG HNHGARRAGGGGMWNLLVGTARRR RQQGEDRDVNPFDGLWQNCVGFWSGTQGPMRGVN WYSFYEAARGGAATS RRM</p> |
| Purity | Greater than 90% as determined by SDS-PAGE. |

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| 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 multiple 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 | Mortierella alpina Palmitoyltransferase AKR1 |
| Synonyms | Palmitoyltransferase AKR1; Ankyrin repeat-containing protein AKR1; Fragment |
| UniProt ID | Q9UVH3 |

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