

Recombinant Full Length *Saccharomyces Bayanus* Palmitoyltransferase Akr1(Akr1) Protein, His-Tagged

Cat. No. RFL13863SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces bayanus</i> Palmitoyltransferase AKR1(AKR1) Protein (Q876L5) (1-763aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Saccharomyces uvarum</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-763)
Form	Lyophilized powder
AA Sequence	MTSESVTTPLASTLVDKEQAADHNDDSQEDISLGGSNDATSLSSLKAIRSENE DANE TGQ ADRNDDVEEDPLLTRYHTACQKGDLATVKEMIHGKLEVNKDGD SVEHITGLH WASINNR LSVVDFLVSQGADVNSRAGALHATPLHWAARYGYV YIVDFLLKHGADPT MTDDQGFNLLH LSVNSSNIMLVLYVLFVSVSKGLLDVDCQDPK GRTSLLWAAYQGD SLTVAVLLKFGANIK IADTEGFTPLHWGTVKGQPHVLKYLIQD GADFFQKTDAGKDC FAIAQEMNTVYSLREALI HSGFNNDGYPIKKWFKKSQHA KLVTLTPFVFLGLAFALF SHVNPLFAIIVLFLTLATN KGLNKLVLPSYGRMGIHNV TLLRSPLFSGVFFGSLLWVT IVWFFKVMPTFADEPYTNIL LLIVLLLVFYIFGQLV TSDPGCVPEETHENVRQTISD LLEIGKFDTKNFCIETWARKPL RSRFSSLNNAVVARFD HYCPWIFNDVGLKNHKGFMFFITLMECGILTFKLCLEYFDELE DSYEDRNQELGKCFIL GHSDLCSGRLYDRFVFLVLLWALLQSIWVASLIFVQTFQIFKGM TNSEFNVLMMKENKANGADGVSF NENFNNTT

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PEGFAPSIELDEDNNNTVLAPVPGSTLRKPR TCFGVCFTVTGMDQWFAVVKETIGIK
DSSGHNIYSITSKIPTNYGWRRNVKDFWLTSDVN APLWRRILYSPTSSKALLNGTEV
DYFKLYKLPVKEAEQGS DMV

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 AKR1

Synonyms AKR1; Palmitoyltransferase AKR1; Ankyrin repeat-containing protein AKR1

UniProt ID [Q876L5](#)

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