

Recombinant Full Length *Yarrowia Lipolytica* Palmitoyltransferase Akr1(Akr1) Protein, His-Tagged

Cat. No. RFL33453YF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Yarrowia lipolytica</i> Palmitoyltransferase AKR1(AKR1) Protein (Q6C520) (1-702aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Yarrowia lipolytica</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-702)
Form	Lyophilized powder
AA Sequence	MSTDAELQTISGLSVASKSAPSTQTEGVTASGKVESTTNAEEATSDVEEEEENPLVVA ARD GNTAEVKRLCESGSYSVLDTAEDGVTALHWA AVNNRISTCQYLVEQGAVVDA KGGQLNGT PLHWACRRGLVYIVHYLIQNGADPLRSDVQGYNALHLATHSSNVMLLV YLLHQGLPVDCQ DPNGRTALHWAAYQGDALSVDVLLRWGSDVKITDTQGFLPLHW GIVNGSRNSLARLIEEG SDMYAKSSDGKTPHVMMAEMNTTAQLEGALDDCGRFPD GSQKTKYFDARTTNLLCFFTPF ILILLGLVLCTFCGPIFGIILTVATLFSGIKLLKTLVLPS LYNGHAALLKSPFQAGIFTG SAFWVTVKYLTSVLPATFASHPILNFFFASIFGLAMYC FFRCMSMDPGYIPKLSGITEQK EVIETLIERGEFDTRHFCFVTVVRKPLRSKFCRQS KRVVARFDHFCPWVWNAIGVRNHRM FVLYVFLQIGIPLWLALNSAYFGELLEIKRW DPLEFYLVIWISLQLIWITFLSFVQIFQ ICRSLTTSEAVNLQKGYMGADDYSSVPLDH SAATASAKSVMNAHGHA AKSPCFSSVLKL LGVDQFVATAGEAIKHRDNRSWKEKN PTDSGAGTNCDFWFPNGKFDLLAVFEAGKGGGA IGGHAVDYYKLWDFPDVSPN

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	QQQTNNRSTREDGEALLAESQV
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; YALI0E21780g; Palmitoyltransferase AKR1; Ankyrin repeat-containing protein AKR1
UniProt ID	Q6C520