

Recombinant Full Length Kluyveromyces Lactis Palmitoyltransferase Akr1(Akr1) Protein, His-Tagged

Cat. No. RFL17730KF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Kluyveromyces lactis Palmitoyltransferase AKR1(AKR1) Protein (Q875M2) (1-752aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Kluyveromyces lactis
Source	E.coli
ProteinLength	Full Length (1-752)
Form	Lyophilized powder
AA Sequence	MTAEEVDKESDPAIEDVKSDYDAIELGNENENENEVSLDSMKAVISRASSELKHEN DQG EERDLGSVEKDPILERYHAACKQGDMKTLREMVESKVIDLSNDYDPKERVSGL HWACINN RLSAVKYLAGAGAEVNFKGGELDATPLHWASKSGLVYIVDELLKAGADP NITDSQGYNLL HTSVFSSNIMLVYVLFVVDGKEDVDQPDHPQRTALQWATYQAD ALTVENLLKFNADV K NADDAGFTALHWGTVKGSIPVMDLLIKHGSDFQTTNDGKN CFTIGKELYSIGSLEASLY KNGFDKNGFPLPQYFSASTGKMLTFFLPWVLIPLVFYIFS KITFFIALLINTIVLVISGL VLSRLVVP SYLLSKRHPILNSPLL AGILSGTIAIAFFIWF TKISI LTFTEKPVGNIIMLG FFIGLITLFIGLMKSDPGYIPGTVDHDKVRETIKELLSLGKFDAK HFCVHTWIRIPLRSK YDRDSACLISAFDHFCPWVYNQIGLLNHKLFYMFVVLLEISVW WFLPLMMEYFDELEDYL ENRKGKHFGDCHFLGDEDLFCGLHHDTFNFLLLCWVIFQ AFWVLCIAVQTVQMLKGVTD YEFVQINKKLKSN GTTTEDIFSSTPPELMSEELIAEL DAPALDPRQVPQRTCFTVCCTLL GLDKLVTMIKSVLRLKSDEPSSRSSHLSALARIP

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	TDYGWKQNLKDFWLLPDTSSPLWRRRI LLPPKDSHALLNGMEVDYYTLYTLPNATEE LV
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; KLLA0E16764g; Palmitoyltransferase AKR1; Ankyrin repeat-containing protein AKR1
UniProt ID	Q875M2

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