

Recombinant Full Length Ashbya Gossypii Palmitoyltransferase Akr1(Akr1) Protein, His-Tagged

Cat. No. RFL10795AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Ashbya gossypii Palmitoyltransferase AKR1(AKR1) Protein (Q755Y0) (1-724aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Ashbya gossypii
Source	E.coli
ProteinLength	Full Length (1-724)
Form	Lyophilized powder
AA Sequence	MSGQLNVAEDSVLLDDISSIQPIVSDVPAEDVGDEDHISGASIAENRPKDPTLVKY H AACQRGDLKTVKDMIEAGVIDVKADWDEEEQVSGLHWASANNRLNLVRYLIAQG ADVNIK GGDLEATPLHWASKSGYVYIVHCLLEHGADPLITDRQGYNLLHTSTFSSEV MLITYVLFT GQIPVDSPDPTGKTALHWAAYQGDPTVEALLKFDADVRVVDGTTGGFT PLHWATVKGHPHV LKALIEHGSDVFLKNNDGKNALMIAQEMNTQKALQNALYECGF NKDGFARKYFKNPMHA KMTFFTPWLILGLLSFFAYFSILLAILGCLLTVLAAGYGL YNFVFPFILMKRIVIFK TPLLAGILSGTIFWLLYVWLFKMLPATFDDEPILNLTVFALF AGVVFLTKLLQSDPGYI VPATDHNQIRATIIELLRVGKYDSKHFCIHSWIRLPLRAKY KRFVHSVILRYDHYCPWIY NYIGFRNHKIFIYFILLDLGILALAKLCLEYFDELKDHAH NKDALKCSILSKDLCAGFT YDPFTLFLLEWVCVQGMWILALSFVQFFECKLKGVTEHE FAHWQRRNRGVVGREHVFNTAP EELMEEDPEEERNKLRSLGAAGQRHCCSTLTT ATGFDRFLSVIGSSLGRQPRTHNPINYP IETDYGWKQNLKDFWLTS DISAPMWRRRI

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	LLPPVGTRGLLNGQEVDYQKLYNLPERVISI EEIV
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; AER388C; Palmitoyltransferase AKR1; Ankyrin repeat-containing protein AKR1
UniProt ID	Q755Y0

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