

Recombinant Full Length Bifunctional Protein Aas(Aas) Protein, His-Tagged

Cat. No. RFL21677YF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bifunctional protein aas(aas) Protein (Q667F1) (1-718aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Yersinia Pseudotuberculosis Serotype I
Source	E.coli
ProteinLength	Full Length (1-718)
Form	Lyophilized powder
AA Sequence	MAYRLLRALFRGLFRVTIDGVTDQFKHEKLIITPNHVSFLDGALLALFLPIKPVFAVYTS ITDTWYMRWLKPYVDFVALDPTNPMAIKHLVRMVEQGRPVIIFPEGRITVTGSLMKI YDG AAFVAAKSGA AVVPIRLDGPEFTHFGRLQGVLKTRWFPKISIHVLPATTIPMPQ APRSRE RRVLAG EHLHTIMMAARMATVPRET LFEALLSAQTRYGRFKPCIEDVSFK EDSYQTLLKK TLGVSRILQRFTVPGEHVGMLLPNATITAAAIFGASLRGRIPALLNYTS GAKGLQSAIIA ASLKTIVTSRQFLEK GK LTHLPEQVNEVNWVYLEDLKDTVTLTDKLW ILFHLCPFRRAML PQQADDSALILFTSGSEGNPKGVVHSHASLLANVEQIRTIADFTP RDRFMSSLPLFHAFG LTVGLFTPLMTGSRVFLYPSPLHYRVVPELVYDRNCTVLF TSTFLGNYARFAHPYDFAR VRYVVAGAEKLAESTKQIWQDKFGIRILEGYGVTECAP VVAINVPMAAKVNTVGRILPGM EARLINVPGIAQGGRLQLRGP NIMRGYLRVENPGV LEQPSAENAQGELDANWYDTGDIVT LDEQGFC AIRGRV KRF AKLAGEMVSLESVE QLAISLSPEGQHAAA AKTDS AKGEALVLFT TDSEITRERLIKAARENGVPELAVPRDI

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	RVVKALPLLGS GKP D FVTLGKMAQDPEMSV
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	aas
Synonyms	aas; YPTB3042; Bifunctional protein Aas [Includes: 2-acylglycerophosphoethanolamine acyltransferase; 2-acyl-GPE acyltransferase; Acyl-[acyl-carrier-protein]--phospholipid O-acyltransferase; Acyl-[acyl-carrier-protein] synthetase; Acyl-ACP synthetase; Long
UniProt ID	Q667F1