Recombinant Full Length Escherichia Coli O45:K1 Bifunctional Protein Aas(Aas) Protein, His-Tagged

Cat. No. RFL12346EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Escherichia coli O45:K1 Bifunctional protein aas(aas) Protein (B7MLI2) (1-719aa), fused to N-terminal His tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Full Length (1-719)
Form	Lyophilized powder
AA Sequence	MLFSFFRNLCRVLYRVRVTGDTKALKGERVLITPNHVSFIDGILLALFLPVRPVFAVYT S ISQQWYMRWLKSFIDFVPLDPTQPMAIKHLVRLVEQGRPVVIFPEGRITTTGSLMKI YDG AGFVAAKSGATVIPVRIEGAELTHFSRLKGLVKRRLFPQITLHILPPTQVEMPDA PRARD RRKIAGEMLHQIMMEARMAVRPRETLYESLLSAMYRFGAGKKCVEDVNFT PDSYRKLLTK TLFVGRILEKYSVEGERIGLMLPNAGISAAVIFGAIARRRIPAMMNYTA GVKGLTSAITA AEIKTIFTSRQFLDKGKLWHLPEQLTQVRWVYLEDLKADVTTADKV WIFAHLLMPRLAQV KQQPEEEALILFTSGSEGHPKGVVHSHKSILANVEQIKTIADFT TNDRFMSALPLFHSFG LTVGLFTPLLTGAEVFLYPSPLHYRIVPELVYDRSCTVLFGT STFLGHYARFANPYDFYR LRYVVAGAEKLQESTKQLWQDKFGLRILEGYGVTECAP VVSINVPMAAKPGTVGRILPGM DARLLSVPGIEEGGRLQLKGPNIMNGYLRVEKPG VLEVPTAENIRGEMERDWYDTGDIVR FDEQGFVQIQGRAKRFAKIAGEMVSLEMVE QLALGVSPDKVHATAIKSDASKGEALVLFT TDNELTRDKLQQYAREHGVPELAVPR

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	DIRYLKQMPLLGSGKPDFVTLKSWVDEAEQHDE
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	aas
Synonyms	aas; ECS88_3131; 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; Lo
UniProt ID	B7MLI2

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