



Recombinant Escherichia coli O157:H7 Bifunctional polymyxin resistance protein ArnA (arnA)

Product Code	CSB-MP471481EOE
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	B5YXP8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7 (strain EC4115 / EHEC)
Purity	>85% (SDS-PAGE)
Sequence	MKTVVVFAYHD MGCLGIEALL AAGYEISAI F THTDNPGEKA FYGSVARLAA ERGIPVYAPD NVNHPLWVER IAQLSPEVIF SFYYRHLCID EILQLAPAGA FNLHGSLLPK YRGRAPLNWV LVNGETETGV TLHRMVKRAD AGAIVAQLRV AIAPDDIAIT LHHKLCHAAR QLLEQTLPAI KHGNILEIAQ RENEATCFGR RTPDDSFLEW HKPASVLHNM VRAVADPWPG AFSYVGNQKF TVWSSRVPH ASKAQPGSVI SVAPLLIACG DGALEIVTGQ AGDGITMQGS QLAQTGLLVQ GSRLNSQPAC TARRRTRVLI LGVNGFIGNH LTERLLREDH YEVYGLDIGS DAISRFLNHP HFHFVEGDIS IHSEWIEYHV KKCDVVLPLV AIATPIEYTR NPLRVFELDF EENLRIIRYC VKYRKRIIFP STSEVYGMCS DKYFDEDHSN LIVGPVNKPR WIYSVSKQLL DRVIWAYGEK EGLQFTLFRP FNWMPRLDN LNAARIGSSR AITQLILNLV EGSPIKLIDG GKQKRCFTDI RDGIEALYRI IENAGNRCDG EIINIGNPEN EASIEELGEM LLASFEKHPL RHHFPPFAGF RVVSSSYG KGYQDVEHRK PSIRNAHHCL DWEPKIDMQE TIDETLDFFL RTVDLTDKPS
Source	Mammalian cell
Target Names	arnA
Protein Names	Recommended name: Bifunctional polymyxin resistance protein ArnA Including the following 2 domains: UDP-4-amino-4-deoxy-L-arabinose formyltransferase EC= 2.1.2.13 Alternative name(s): ArnAFT UDP-L-Ara4N formyltransferase UDP
Expression Region	1-660
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.