



Recombinant Anaplasma marginale Bifunctional protein FoID (foID)

Product Code	CSB-MP728656AAAC
Abbreviation	foID
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.	Q5PBL6
Product Type	Recombinant Protein
Immunogen Species	Anaplasma marginale (strain St. Maries)
Purity	≥85% (SDS-PAGE)
Sequence	MREIIDGKLV ARGLLDRLRV SVDRLKAEHG IVPHLVVVIV GDDPASKLYV GNKQRKAEEL GLQSRTIALE HDTSQEELLR IIDEINRDAA VHGILVQLPL PRHIDKELVI NAISPEKDVD GFHNANAGKL ATGQLDCMIP CTPQGCIHLI KTVKQDLA GS NAVVVGRSNI VGKPVALLLL YENCTVTVLH SASRNLEEH LRADIIVA AV GKARFIRASW IKPGAIVVDV GINLVEESGK KRFVGDVEFE GLQDVPCSVT PVPGGVGPM T IAFLLVNTVL GSCKQCGVSY EDIKSSLLQ
Source	Mammalian cell
Target Names	foID
Protein Names	Recommended name: Bifunctional protein FoID Including the following 2 domains: Methylenetetrahydrofolate dehydrogenase EC= 1.5.1.5 Methenyltetrahydrofolate cyclohydrolase EC= 3.5.4.9
Expression Region	1-299
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.