



Recombinant Bifunctional protein FoID (foID)

Product Code	CSB-YP736388SMZ
Abbreviation	foID
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q5XB24
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MTELIDGKAL AQKMQQELAA KVNNLKQKKG IVPGLAVILV GDDPASQVYV RNKERAALTV GFKSETVRLS EFICQEELIA VIERYNADNT IHGILVQLPL PNHINDKKII LAIDPKKDVD GFHPMNTGHL WSGRPLMVPC TPSGIMELLR EYNVNLEGKH AVIIGRSNIV GKPMALLLD KNATVTLTHS RTRQLEEVCR CADVLIVAIG QGHFITKQYI KEGAIVIDVG MNRDDNGKLI GDVAFDEVAE VAAKITPVPV GVGPMTIAML LEQTYQSALR STHK
Source	Yeast
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	1-284
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>