



Recombinant Rickettsia typhi Bifunctional protein FoD (foD)

Product Code	CSB-YP724305RNE
Abbreviation	foD
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.	Q68WL9
Product Type	Recombinant Protein
Immunogen Species	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
Purity	≥85% (SDS-PAGE)
Sequence	MNNIIDGKAL ANEILADLKL EIQGFKEKTQ TSPKLAIVLV GDNPASMIYI KNKIKNAQQV GIDTLLVNLS TNIYTDDLIS KINELNLDKE ISGIIVQLPL PSSIDENKIL SAVLPSKDSD GFHPLNVGYL HSGINQGFIP CTALGCLAVI KKYAPNLNGK DAVIVGRSNI VGKPLSALLL KENCSTVICH SKTCNLSSIT SKADIVVVAI GSPLKLTAEY FNPESIVIDV GINRISNNKI IGDVDFENVK SKVKYITPVP GGIGPMTIAF LLKNTVKAFK NAIAL
Source	Yeast
Target Names	foD
Protein Names	Recommended name: Bifunctional protein FoD Including the following 2 domains: Methylenetetrahydrofolate dehydrogenase EC= 1.5.1.5 Methenyltetrahydrofolate cyclohydrolase EC= 3.5.4.9
Expression Region	1-285
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.