



Recombinant Bifunctional protein FoID (foID)

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|--------------------------|---|
| Product Code | CSB-YP720952BUI |
| 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. | Q662Y6 |
| Product Type | Recombinant Protein |
| Immunogen Species | Borrelia baviensis (strain ATCC BAA-2496 / DSM 23469 / PBI) (Borrelia baviensis) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MNTVFNGKDF ANKYYLILKE FLKQHDLRDK IALKVVLANN EPASKLYVSI KNRVAKEIGL NVEVIKFSAN SVQSDILEVI DRENKNLSTD GIIVQLPLLR HMDSNSILNS IVYSKDVDGL SFVNLGKMIL GDKKGFIPCT ALAVLKILLD EGIRTSGKTV VVGRSPLVG KPISILLSSK PYDATVIVCH SKSIYLDVYL RQADIVISAV GPKPLIDKSM LCGEPYVIDI GISEIETDNG KILSGDITDFD NIKDCVKFIT PVKGGIGPVT VLMLMFNTIK AHLINNNMFD ILDRLEKLVE V |
| 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 | 1-301 |
| 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> |