



Recombinant *Desulfotalea psychrophila*

Bifunctional protein FoD (foD)

Product Code	CSB-MP731774DAAA
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.	Q6ALZ5
Product Type	Recombinant Protein
Immunogen Species	<i>Desulfotalea psychrophila</i> (strain LSv54 / DSM 12343)
Purity	≥85% (SDS-PAGE)
Sequence	MSAKIISGTE IRKEILGEIK DAVTEMKDKY GTVPGLVTIL VGESPASMSY VSLKIKTALS LGFYEVQESL SVETTEAELL ALIEKYNNDD SIHGVLVQLP LPKHINEQNI ITAIDPDKDV DAFHPVNIGR LMIGGDDVKF LPCTPAGIQE MLVRSGVETA GAEVVVVGRS NIVGKPIAMM MAQKGIGANA TVTIVHTGSR DLATHCRRAD ILIVAAGVPN LVKPEWIKPG ATVIDVGVNR VGTNSETGKA ILRGDVDFEA VKEIAGKITP VPGGVGPMTI AMLMKNTLAS ALAHSS
Source	Mammalian cell
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	1-296
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.