



Recombinant *Oryza sativa* subsp. japonica Putative bifunctional dihydrofolate reductase- thymidylate synthase (Os12g0446900, LOC_Os12g26060)

Product Code	CSB-EP651642OFG-B
Abbreviation	Os12g0446900, LOC_Os12g26060
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.	Q2QRX6
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MGIGKDGTLTLP WKLPGLDKFF KDITVTTSDP SKKNAVVMGR KTWESIPLKF RPLPGRLNVI LTRSGSFDFA TAENVVICGS LDSALQLLAT TPYCLTVEKT FIIGGGEILR QSLNAPACEA IHLTDIESSI ECDTFIPPID LSMFHPWYSS FPVVENGIKH SFISFVRVTK SIAEANDSSG KELTGNDSSK VKFEIENFSF LPKMIFERHE EYQYLNLVQD IIRNGAKKND RTGTGTVSKF GCQMRFNLR NFPLLTKRV FWRGVLEELL WFIGSGSTNAK VLQEKGIHIW DGNASRQYLD SIGLTQREEG DLGPVYGFQW RHFGAEYTDM HADYVGKGFQD QLMDVIDKIK NNPDDRRRIIL SAWNPTDLKK MALPPCHMFA QFYVENGELS CQMYQRSADM GLGVFPNIAS YSLLTCMIAQ VCDLSPGDFV HVIGDAHVYR THVEALEEQM RKQPKPFIL KINPVKKDID SFVTSDFKLV RYDPHHKIEM KMAV
Source	E.coli
Target Names	Os12g0446900
Protein Names	Recommended name: Putative bifunctional dihydrofolate reductase-thymidylate synthase Short name= DHFR-TS Including the following 2 domains: Dihydrofolate reductase EC= 1.5.1.3 Thymidylate synthase EC= 2.1.1.45
Expression Region	1-494
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.