



Recombinant Human Methylenetetrahydrofolate reductase (NADPH) (MTHFR)

Product Code	CSB-EP015158HU-B
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.	P42898
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MVNEARGNSS LNPCLEGSAS SGSESSKDSS RCSTPGLDPE RHERLREKMR RRLESGDKWF SLEFFPPRTA EGAVNLISRF DRMAAGGPLY IDVTWHPAGD PGSDKETSSM MIASTAVNYC GLETILHMT C RQRLEEITG HLHKAKQLGL KNIMALRGDP IGDQWEEEEEG GFNYAVDLVK HIRSEFGDYF DICVAGYPKG HPEAGSFEAD LKHLKEK VSA GADFIITQLF FEADTFFRFV KACTDMGITC PIVPGIFPIQ GYHSLRQLVK LSKLEVPQEI KDVIEPIKDN DAIRNYGIE LAVSLCQELL ASGLVPLHF YTLNREMATT EVLKRLGMWT EDP RRPLPWA LSAHPKRREE DVRPIFWASR PKSIIYRTQE WDFPNRNGWG NSSSPAFGEL KDYYLFY LKS KSPKEELLKM WGEELTSEES VFEVFLYLS GEPNRNGHKV TCLPWNDEPL AAETSLLKEE LLRVNRQGIL TINSQPNING KPSSDPIVGW GPSGGYVFQK AYLEFFTSRE TAEALLQVLK KYELRVNYHL VNVKGENITN APELQNAV T WGIFPGREII QPTVVDPV SF MFWKDEAFAL WIERWGKLYE EESPSRTIIQ YIHDNYFLVN LVDNDFPLDN CLWQVVEDTL ELLNRPTQNA RETEAP
Source	E.coli
Target Names	Name:MTHFR
Protein Names	Recommended name: Methylenetetrahydrofolate reductase EC= 1.5.1.20
Expression Region	1-656
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

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