



# Recombinant Human Methylenetetrahydrofolate reductase (NADPH) (MTHFR)

<b>Product Code</b>	CSB-MP015158HU
<b>Storage</b>	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.
<b>Uniprot No.</b>	P42898
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	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 WDFPNRGRWG 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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Name:MTHFR
<b>Protein Names</b>	Recommended name: Methylenetetrahydrofolate reductase EC= 1.5.1.20
<b>Expression Region</b>	1-656
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Reconstitution</b>	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.



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