

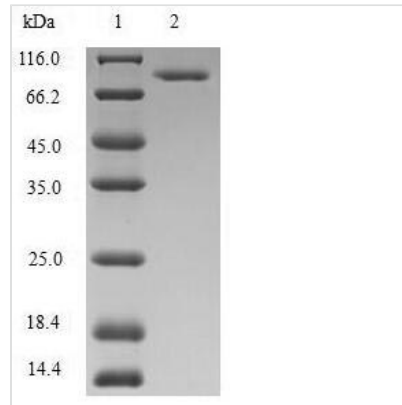


Recombinant Human Methylenetetrahydrofolate reductase (NADPH) (MTHFR)

Product Code	CSB-EP015158HU
Relevance	Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine rethylation to methionine.
Abbreviation	Recombinant Human MTHFR protein
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
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MVNEARGNSSLNPCLEGSASSGSESSKDSSRCSTPGLDPERHERLREKMRR RLESGDKWFSLEFFPPRTAEGAVNLISRFDMAAGGPLYIDVTWHPAGDPGS DKETSSMMIASTAVNYCGLETILHMTCCRQRLEEITGHLHKAKQLGLKNIMALR GDPIGDQWEEEEGGFNAYVDLVKHIRSEFGDYFDICVAGYPKGHPEAGSFEA DLKHLKEKVSAGADFIITQLFFEADTFFRFVKACTDMGITCPIVPGIFPIQGYHSL RQLVKLSKLEVPQEIKDVIEPIKDNDAAIRNYGIELAVSLCQELLASGLVPLHFY TLNREMATTEVLKRLGMWTEDP RRPLPWALSAHPKRREEDVRPIFWASRPKS YIYRTQEWDEFPNRWRGNSSSPAFGELKDYYLFYKSKSPKEELLKMWGEEL TSEESVFEVFLYLSGEPNRNGHKVTCLPWNDEPLAAETSLLKEELLRVNRQG ILTINSQPNINGKPSSDPIVGWGPSSGGYVFQKAYLEFFTSRETAEALLQVLKKY ELRVNYHLVNVKGENITNAPELQPNVAVTWGIFPGREIIQPTVVDPVSFMFWD EAFALWIERWGKLYEEESPSRTIIQYIHDNYFLVNLVDNDFPLDNCLWQVVEDT LELLNRPTQNARETEAP
Research Area	Metabolism
Source	E.coli
Target Names	MTHFR
Protein Names	Recommended name: Methylenetetrahydrofolate reductase EC= 1.5.1.20
Expression Region	1-656aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	90.6kDa
Protein Length	Full Length



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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