

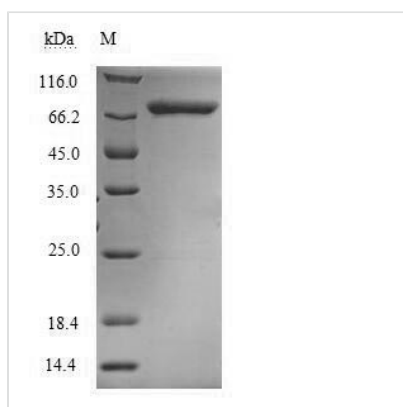


Recombinant Human Methylenetetrahydrofolate reductase(MTHFR)

Product Code	CSB-YP015158HU
Relevance	Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine.
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	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MVNEARGNSSLNPCLEGSSASSGSESSKDSSRCSTPGLDPERHERLREKMRR RLESGDKWFSLEFFPPRTAEGAVNLISRFDRMAAGGPLYIDVTWHPAGDPGS DKETSSMMIASTAVNYCGLETILHMTCCRQRLEEITGHLHKAKQLGLKNIMALR GDPIGDQWEEEEGGFNAYVDLVKHIRSEFGDYFDICVAGYPKGHPEAGSFEA DLKHLKEKVSAGADFIITQLFFEADTFFRFVKACTDMGITCPIVPGIFPIQGYHSL RQLVKLSKLEVPQEIKDVIEPIKDNDAAIRNYGIELAVSLCQELLASGLVPGLHFY TLNREMATTEVLKRLGMWTEDP RRPLPWALSAHPKRREEDVRPIFWASRPKS YIYRTQEWDEFPNRWRGNSSSPAFGELKDYYLFYLSKSPKEELLKMWGEEL TSEESVFEVFLYLSGEPNRNGHKVTCLPWNDEPLAAETSLLKEELLRVNRQG ILTINSQPNINGKPSSDPIVGWGPSGGYVFQKAYLEFFTSRETAEALLQVLKKY ELRVNYHLVNVKGENITNAPELQPNAVTWGIFPGREIIQPTVVDPVSFMFWD EAFALWIERWGKLYEEESPRTIIQYIHDNYFLVNLVDNDFPLDNCLWQVVEDT LELLNRPTQNARETEAP
Research Area	Metabolism
Source	Yeast
Gene 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-tagged
Mol. Weight	76.6kDa
Protein Description	Full Length



Image



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