OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP509788

Mthfr (NM_010840) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse methylenetetrahydrofolate reductase (Mthfr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209788 protein sequence Red=Cloning site Green=Tags(s) MVNEARGSGSPNPRSEGSSSGSESSKDSSRCSTPSLDPERHERLREKMRRRMDSGDKWFSLEFFPPRTAE GAVNLISRFDRMAAGGPLFVDVTWHPAGDPGSDKETSSMMIASTAVNYCGLETILHMTCCQQRPEEITGH LHRAKQLGLKNIMALRGDPVGDHWEAEEGGFSYATDLVKHIRTEFADYFDICVAGYPRGHPDAESFEDDL KHLKEKVSAGADFIITQLFFEASTFFSFVKACTEIGISCPILPGIFPIQGYTSLRQLVKLSKLEVPQKIK DVIEPIKDNDAAIRNYGIELAVSLCRELLDSGLVPGLHFYTLNREVATMEVLKQLGMWTEDPRRPLPWAL SAHPKRREEDVRPIFWASRPKSYIYRTQDWDEFPNGRWGNSSSPAFGELKDYYLFYLKSKSPREELLKMW GEELTSEESVFEVFEHYLSGEPNRHGYRVTCLPWNDEPLAAETSLMKEELLRVNRLGILTINSQPNINAK PSSDPVVGWGPSGGYVFQKAYLEFFTSRETVEALLQVLKTYELRVNYHIVDVKGENITNAPELQPNAVTW GIFPGREIIQPTVVDPISFMFWKDEAFALWIEQWGKLYEEESPSRMIIQYIHDNYFLVNLVDNEFPLDSC LWQVVEDTFELLNRHPTERETQAP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	75 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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RefSeq:	NP_034970
Locus ID:	17769
UniProt ID:	Q9WU20, Q497H7
RefSeq Size:	6008
Cytogenetics:	4 78.67 cM
RefSeq ORF:	1965
Synonyms:	AI323986
Summary:	Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine.[UniProtKB/Swiss-Prot Function]