

## Product datasheet for **TP308452M**

### DHFRL1 (DHFR2) (NM\_176815) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dihydrofolate reductase-like 1 (DHFRL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208452 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MFLLLNCIVAVSQNMGIGKNGDLPRPPLRNEFRYFQRMTTSSVEGKQNLVIMGRKTWFSIPEKNRPLKD RINLVLSRELKEPPQGAHFLARSLDDALKLTERPELANKVDMIWIVGGSSVYKEAMNHLGHLKLFVTRIM QDFESDTFFSEIDLEKYKLLPEYPGVLSDVQEGKHICYKFEVCEKDD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	21.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_789785</a>
Locus ID:	200895
UniProt ID:	<a href="#">Q86XF0</a>
RefSeq Size:	3934



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Cytogenetics: 3q11.2

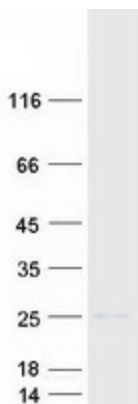
RefSeq ORF: 561

Synonyms: DHFR1; DHFRP4

Summary: Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Required to prevent uracil accumulation in mtDNA. Binds its own mRNA and that of DHFR.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified DHFR2 protein (Cat# [TP308452]). The protein was produced from HEK293T cells transfected with DHFR2 cDNA clone (Cat# [RC208452]) using MegaTran 2.0 (Cat# [TT210002]).