

Product datasheet for **TP308452**

DHFRL1 (DHFR2) (NM_176815) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human dihydrofolate reductase-like 1 (DHFRL1), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208452 protein sequence
Red=Cloning site **Green**=Tags(s)

MFLLLN CIVAVSQNMGIGKNGDLPRPPLRNEFRYFQRMTTSSVEGKQNLVIMGRKTWFSIPEKNRPLKD
RINLVLSRELKEPPQGAHFLARSLDDALKLTERPELANKVDMIWIVGGSSVYKEAMNHLGHLKLFVTRIM
QDFESDTFFSEIDLEKYKLLPEYPGVLSDVQEGKHICYKFEVCEKDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: [NP_789785](#)

Locus ID: 200895

UniProt ID: [Q86XF0](#)

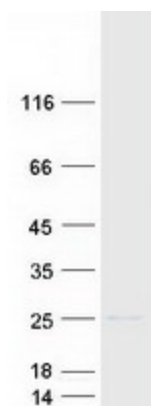
RefSeq Size: 3934



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Cytogenetics:	3q11.2
RefSeq ORF:	561
Synonyms:	DHFRL1; 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]).