

## Product datasheet for **TP308452L**

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human dihydrofolate reductase-like 1 (DHFRL1), 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MFLLLN CIVAVSQNMGIGKNGDLPRPPLRNEFRYFQRMTTSSVEGKQNLVIMGRKTWFSIPEKNRPLKD  
RINLVLSRELKEPPQGAHFLARSLDDALKLTERPELANKVDMIWIVGGSSVYKEAMNHLGHLKLFVTRIM  
QDFESDTFFSEIDLEKYKLLPEYPGVLSDVQEGKHICYKFEVCEKDD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**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](#)

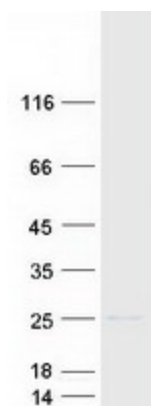
**RefSeq Size:** 3934



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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]).