

Recombinant Full Length Human DHFR2 Protein, C-Flag-tagged

Cat. No. DHFR2-966HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DHFR2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables dihydrofolate reductase activity and mRNA binding activity. Involved in tetrahydrofolate metabolic process and thymidine biosynthetic process. Located in mitochondrial inner membrane and mitochondrial matrix.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.4 kDa
AA Sequence	MFLLLLNCIVAVSQNMGIGKNGDLPRPPLRNEFRYFQRM TTTSSVEGKQNLVIMGRKT WFSIPEKNRPLKD RINLVLSRELKEPPQGAHFLARSLDDALKLTERPELANKVDMIWI VGGSSVYKEAMNHLGHLKLFVTRIM QDFESDTFFSEIDLEKYKLLPEYPGVLSDVQEGKHIKYKFEVCEKDDTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	DHFR2 dihydrofolate reductase 2 [Homo sapiens (human)]
Official Symbol	DHFR2
Synonyms	DHFRL1; DHFRP4
Gene ID	200895
mRNA Refseq	NM_176815.5
Protein Refseq	NP_789785.1
MIM	616588
UniProt ID	Q86XF0

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