

Recombinant Human DHFR protein, His-SUMO-tagged

Cat. No. DHFR-2818H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHFR protein(P00374)(2-187aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-187aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.3 kDa
AA Sequence	VGSLNCIVAVSQNMGIGKNGDLPWPPLRNEFRYFQRM TTTSSVEGKQNLVIMGKKT WFSIPEKNRPLKGRINLVLSRELKEPPQGAHFLSRSLDDALKLTEQPELANKVDMVW IVGGSSVYKEAMNHPGHLKLFVTRIMQDFESDTFFPEIDLEKYKLLPEYPGVLSVDVQE EKGIKYKFEVYEKND
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [DHFR dihydrofolate reductase \[Homo sapiens \]](#)

Official Symbol [DHFR](#)

Synonyms DHFR; dihydrofolate reductase; DYR; DHFRP1;

Gene ID [1719](#)

mRNA Refseq [NM_000791](#)

Protein Refseq [NP_000782](#)

MIM [126060](#)

UniProt ID [P00374](#)

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