

Recombinant Human DHFR Protein (M1-D187), His tagged

Cat. No. DHFR-0618H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-DHFR(M1-D187) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-D187
Description	Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis. Binds its own mRNA and that of DHFR2.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	DHFR dihydrofolate reductase [Homo sapiens (human)]
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Official Symbol	DHFR
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Synonyms	DHFR; dihydrofolate reductase; DYR; DHFRP1;
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Gene ID	1719
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mRNA Refseq	NM_000791
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Protein Refseq	NP_000782
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MIM	126060
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UniProt ID	P00374
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