

Recombinant Human DHFR cell lysate

Cat. No. DHFR-353HCL Lot. No. (See product label)

SPECIFICATION

Species	Hamster
Tissue Type	Ovary
Preparation method	Cell lysate was prepared by homogenization in ice-cold modified RIPA Lysis Buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation. Protein concentration was determined with Bradford assay (Bio-Rad protein assay, Microplate Standard assay). The lysate was adjusted to 2 mg/ml.
Size	200 ug
Recommended Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Applications	Western Blot;Immunoprecipitation;

GENE INFORMATION

Gene Name	DHFR dihydrofolate reductase [Homo sapiens]
Official Symbol	DHFR

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Synonyms	DYR; DHFRP1
Gene ID	1719
mRNA Refseq	NM_000791
Protein Refseq	NP_000782
MIM	126060
UniProt ID	P00374
Chromosome Location	5q11.2-q13.2
Pathway	Cell Cycle, organism-specific biosystem; Defective AMN causes hereditary megaloblastic anemia 1, organism-specific biosystem; Defective GIF causes intrinsic factor deficiency, organism-specific biosystem

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