

## Recombinant Human DHFR cell lysate

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

### SPECIFICATION

#### Product Overview

|                    |                                                                                                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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|                            |                                                                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | DYR; DHFRP1                                                                                                                                                                                                 |
| <b>Gene ID</b>             | <a href="#">1719</a>                                                                                                                                                                                        |
| <b>mRNA Refseq</b>         | <a href="#">NM_000791</a>                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | <a href="#">NP_000782</a>                                                                                                                                                                                   |
| <b>MIM</b>                 | <a href="#">126060</a>                                                                                                                                                                                      |
| <b>UniProt ID</b>          | <a href="#">P00374</a>                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 5q11.2-q13.2                                                                                                                                                                                                |
| <b>Pathway</b>             | 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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