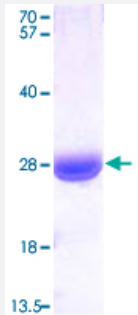


Full-Length

## Dhfr (Mouse) Recombinant Protein

Catalog # P4343      Size 100 ug

### Applications



### Specification

|                                |                                                                                                                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Mouse Dhfr (NP_034179, 1 a.a. - 187 a.a.) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .                                                                                             |
| <b>Sequence</b>                | MGSSHHHHHSSGLVPRGSHMVRPLNCIVASQNMGIGKNGDLPWPPLRNEFKYFQRMTTSSV<br>EGKQNLVIMGRKTWFSIPEKNRPLKDRINIVLSRELKEPPRGAFHFLAKSLDDALRLIEQPELASKVD<br>MVWIVGGSSVYQEAMNQPGHLRLFVTRIMQEFESDTFFPEIDLGKYKLLPEYPGVLSEVQEEKGIK<br>YKFEVYEKKD |
| <b>Host</b>                    | <i>Escherichia coli</i>                                                                                                                                                                                                   |
| <b>Theoretical MW (kDa)</b>    | 23.8                                                                                                                                                                                                                      |
| <b>Form</b>                    | Liquid                                                                                                                                                                                                                    |
| <b>Preparation Method</b>      | <i>Escherichia coli</i> expression system                                                                                                                                                                                 |
| <b>Purification</b>            | Conventional Chromatography                                                                                                                                                                                               |
| <b>Concentration</b>           | 1 mg/mL                                                                                                                                                                                                                   |
| <b>Purity</b>                  | > 95% by SDS-PAGE                                                                                                                                                                                                         |
| <b>Quality Control Testing</b> | 15% SDS-PAGE Stained with Coomassie Blue                                                                                                                                                                                  |

**Storage Buffer**

In 20 mM Tris-HCl buffer, 0.1 M NaCl, pH 8.0 (10% glycerol, 2 mM DTT).

**Storage Instruction**

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — Dhfr

**Entrez GeneID**[13361](#)**Protein Accession#**[NP\\_034179](#)**Gene Name**

Dhfr

**Gene Alias**

8430436I03Rik, AA607882, AI662710, AW555094

**Gene Description**

dihydrofolate reductase

**Gene Ontology**[Hyperlink](#)**Other Designations**

-