

## Recombinant Mouse Yars Protein, MYC/DDK-tagged

Cat. No. Yars-324M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse tyrosyl-tRNA synthetase (Yars), with C-terminal MYC/DDK tag, expressed in HEK293T cells.    |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Ubiquitous expression in CNS E11.5 (RPKM 20.4), cerebellum adult (RPKM 19.8) and 28 other tissues.  |
| <b>Molecular Mass</b>   | 59.1 kDa  |
| <b>Purity</b>           | >80%, as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.  |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.   |

### GENE INFORMATION

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|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Yars tyrosyl-tRNA synthetase [ Mus musculus (house mouse) ]   |
| <b>Official Symbol</b> | Yars  |
| <b>Synonyms</b>        | Yars; tyrosyl-tRNA synthetase; Yars1; AL024047; AU018965; tyrosine--tRNA ligase, cytoplasmic; tyrRS; tyrosyl--tRNA ligase; tyrosyl-tRNA synthetase, cytoplasmic; EC 6.1.1.1 |
| <b>Gene ID</b>         | 107271  |
| <b>mRNA Refseq</b>     | NM_134151   |
| <b>Protein Refseq</b>  | NP_598912   |

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