

Recombinant Mouse Yars Protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

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

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