

Recombinant Mouse Yars2 Protein, Myc/DDK-tagged

Cat. No. Yars2-7028M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse tyrosyl-tRNA synthetase 2 (mitochondrial) (Yars2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr).
Molecular Mass	52.6 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 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Yars2 tyrosyl-tRNA synthetase 2 (mitochondrial) [Mus musculus (house mouse)]
Official Symbol	Yars2
Synonyms	YARS2; tyrosyl-tRNA synthetase 2 (mitochondrial); tyrosine--tRNA ligase, mitochondrial; tyrRS; 2210023C10Rik
Gene ID	70120
mRNA Refseq	NM_198246
Protein Refseq	NP_937889
UniProt ID	Q8BYL4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA