

Recombinant Mouse Mars2 Protein, Myc/DDK-tagged

Cat. No. Mars2-3963M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length methionine-tRNA synthetase 2 (mitochondrial) (Mars2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The Mars2 gene is conserved in human, chimpanzee, Rhesus monkey, dog, cow, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, S.cerevisiae, K.lactis, E.gossypii, S.pombe, M.oryzae, N.crassa, A.thaliana, rice, and frog.
Molecular Mass	65.8 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

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Gene Name	Mars2 methionine-tRNA synthetase 2 (mitochondrial) [Mus musculus (house mouse)]
Official Symbol	Mars2
Synonyms	Mars2; methionine-tRNA synthetase 2 (mitochondrial); MetRS; C730026E21Rik; methionine--tRNA ligase, mitochondrial; methionine--tRNA ligase 2; methionyl-tRNA synthetase 2; methionyl-tRNA synthetase, mitochondrial; mitochondrial methionine--tRNA ligase; mitochondrial methionyl-tRNA synthetase; mtMetRS; EC 6.1.1.10
Gene ID	212679
mRNA Refseq	NM_175439
Protein Refseq	NP_780648
UniProt ID	Q499X9