

Recombinant Mouse Aars2 Protein, Myc/DDK-tagged

Cat. No. Aars2-1456M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length alanyl-tRNA synthetase 2, mitochondrial (Aars2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in thymus adult (RPKM 20.6), ovary adult (RPKM 10.1) and 28 other tissues.
Molecular Mass	106.8 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	Aars2 alanyl-tRNA synthetase 2, mitochondrial [Mus musculus (house mouse)]
Official Symbol	Aars2
Synonyms	AARS2; alanyl-tRNA synthetase 2, mitochondrial (putative); alanine--tRNA ligase, mitochondrial; alanyl-tRNA synthetase like; alanyl-tRNA synthetase, mitochondrial; probable alanyl-tRNA synthetase, mitochondrial; Gm89; Aarsl; AlaRS; MGC69820
Gene ID	224805
mRNA Refseq	NM_198608
Protein Refseq	NP_941010
UniProt ID	Q14CH7

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