

Recombinant Mouse Aars Protein, Myc/DDK-tagged

Cat. No. Aars-1455M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length alanyl-tRNA synthetase (Aars), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in cerebellum adult (RPKM 31.7), liver adult (RPKM 27.0) and 28 other tissues.
Molecular Mass	106.9 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	Aars alanyl-tRNA synthetase [Mus musculus (house mouse)]
Official Symbol	Aars
Synonyms	AARS; alanyl-tRNA synthetase; alanine--tRNA ligase, cytoplasmic; alaRS; alanyl-tRNA synthetase, cytoplasmic; sti; C76919; AI316495
Gene ID	234734
mRNA Refseq	NM_146217
Protein Refseq	NP_666329
UniProt ID	Q8BGQ7

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